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ABSTRACT

This report presents survey data (from 216,362 students at 403 higher education institutions) on the characteristics of students attending American colleges and universities as first-time, full-time freshmen. The normative data presented are reported separately for men and for women and for 35 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), control (public, private-nonsectarian, Roman Catholic, Protestant), type (university, four-year college, two-year college), and the selectivity level of the institution. A major trend identified by the survey indicates a rise in student activism: more students are reporting having been involved in demonstrations and expecting to be involved in their college years. In addition, the environment and racial discrimination continue to be among the top concerns of students. Student interest in business careers showed a modest decline down to 21.8 percent from 24.6 percent in 1987, interest in the computer field has declined as well. Degree aspirations for postgraduate study continued to rise to a record level of 59.6 percent of the freshmen surveyed in 1989. In addition, the survey indicates that drug and alcohol use appears to be declining. Appendices contain the research methodology, the 1990 Student Information Form, a list of institutions participating in the Freshmen Survey, and a sample report furnished to the participating campuses. (GLR)

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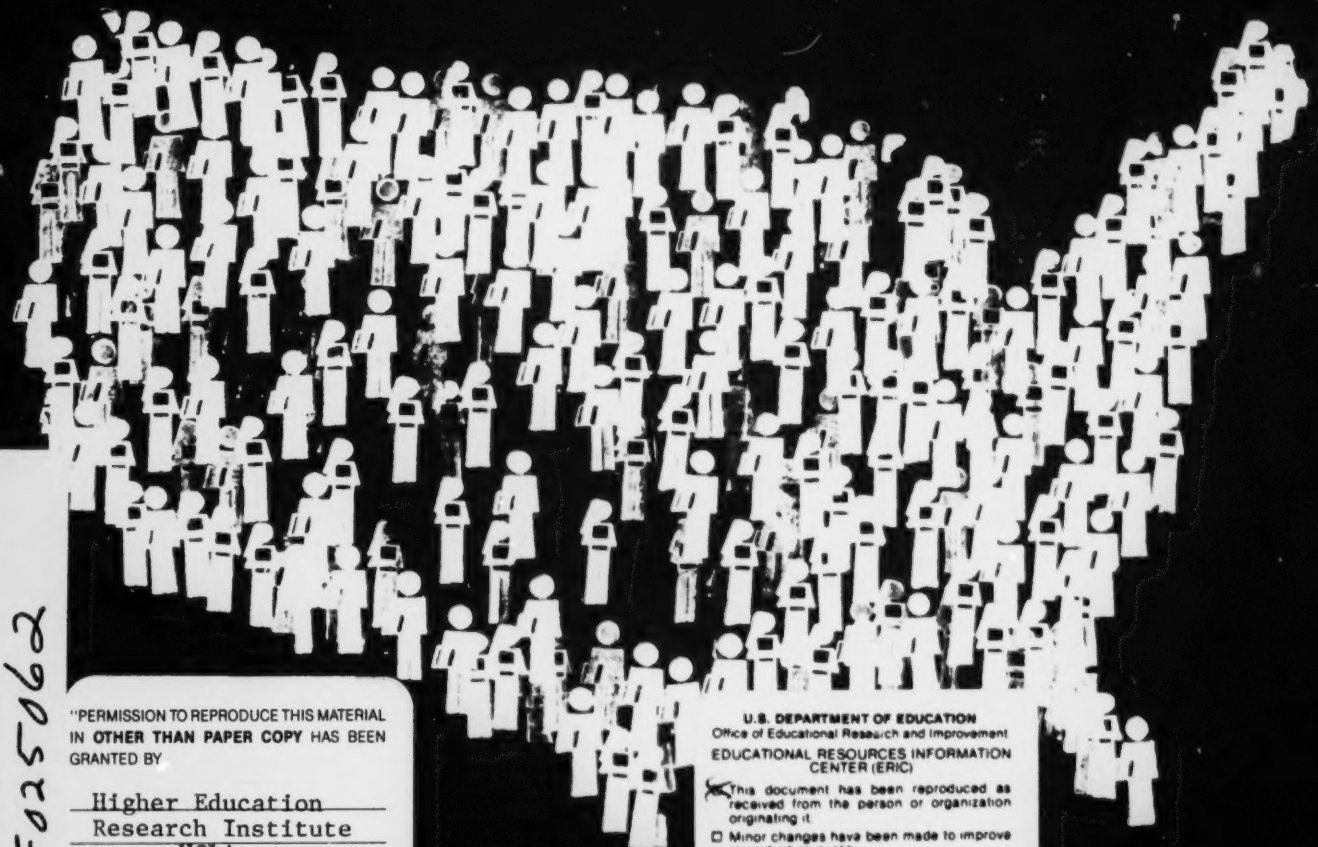
The American Freshman: National Norms For Fall 1989

Alexander W. Astin
William S. Korn
Ellyne R. Berz



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The American Freshman

National Norms for Fall 1989

Prepared by the Staff of the
Cooperative Institutional Research Program

Alexander W. Astin, Professor and Director
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The Higher Education Research Institute
Graduate School of Education
University of California, Los Angeles

December 1989

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The American Freshman

National Norms for Fall 1989

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The American Freshman

National Norms for Fall 1989

The American Freshman
National Norms for Fall 1989[1]

This is the twenty-fourth annual report of national normative data on the characteristics of students attending American colleges and universities as first-time, full-time freshmen. This series, initiated in Fall 1966, is a project of the Cooperative Institutional Research Program (CIRP), a continuing longitudinal study of the American higher education system sponsored by the American Council on Education (ACE) and the Graduate School of Education at the University of California, Los Angeles.

The principal purpose of the CIRP is to assess the effects of college on students (see Astin, *et al.*, 1966). During the past 24 years the CIRP has generated an array of normative, substantive, and methodological research about a wide range of issues in American higher education.

The freshmen data reported here have been weighted to provide a normative profile of the American freshman population for individuals engaged in policy analysis, human resource planning, campus administration, educational research, and guidance and counseling. The data are also useful to the general community of current and future college students, their parents, and to college faculty.

The survey instrument, the *Student Information Form* (see Appendix B), is revised annually to reflect the changing concerns of the academic community and others who use this information. A major purpose of the freshman survey is to provide initial input information for longitudinal research. Follow-up surveys of individual students in each entering freshman cohort are routinely done two and four years after college entry. Longer-term follow-ups are conducted at various intervals depending on funding. In recent years longitudinal follow-up studies of CIRP students have been used in major studies of dropouts (Astin, 1975; Dey & Astin, 1989), campus protest (Astin, Astin, Bayer, & Bisconti, 1975), education and work (Bisconti & Solmon, 1976), student development (Astin, 1977, 1986), and minority participation in higher education (Astin, 1982). For the results of the most recent follow up study see Hurtado, Astin, Korn, & Dey, 1989.

The normative data presented here are reported separately for men and for women, and for 35 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), control (public, private-nonsectarian, Roman Catholic, Protestant), type (university, four-year college, two-year college), and the "selectivity level" of the institution. (A complete discussion of the CIRP survey methodology and stratification scheme is presented in Appendix A.)

An Overview of the 1989 Freshman Norms

The 1989 CIRP Freshman norms are based on the responses of 216,362 students at 403 of the nation's two- and four-year colleges and universities. These data have been statistically adjusted to reflect the responses of the 1.6 million first-time, full-time students entering college as freshmen in Fall 1989. The sections that follow summarize major trends in the survey between Fall 1966 and Fall 1989.

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[1] The 1989 CIRP Freshman Survey was supported in part by a grant from the Ford Foundation.

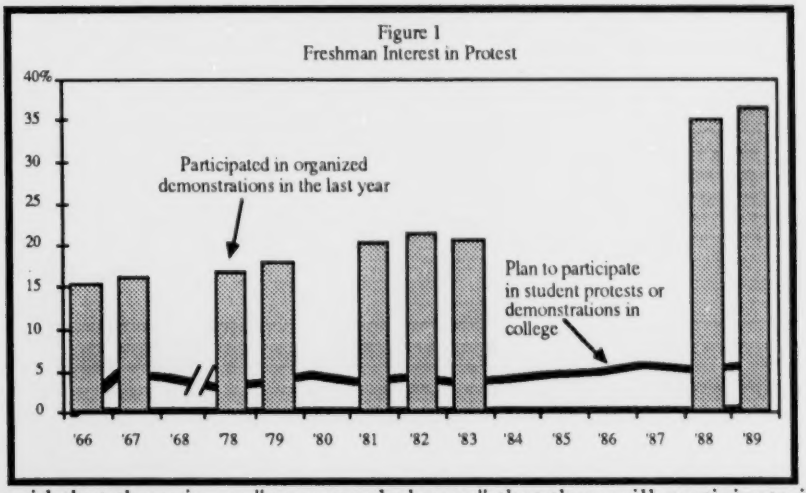
Concern for the Environment

Six out of every seven college freshmen believe that "the federal government is not doing enough to control environmental pollution." This year's figure of 86.3 percent, which is significantly up from 1988 (83.9) and 1987 (80.9), represents the fifth consecutive year in which student endorsement of this statement has increased. It is approaching the all-time high figures of 88-90 percent reached in the early 1970s.

Student interest in "becoming involved in programs to clean up the environment" is also on the increase, with 26.1 percent of the 1989 college freshmen (up from only 15.9 percent in 1986) saying that this is a "very important" life goal. These trends show not only that most students want more governmental action in the environmental field, but also that increasing numbers of them are willing to become personally involved in the effort.

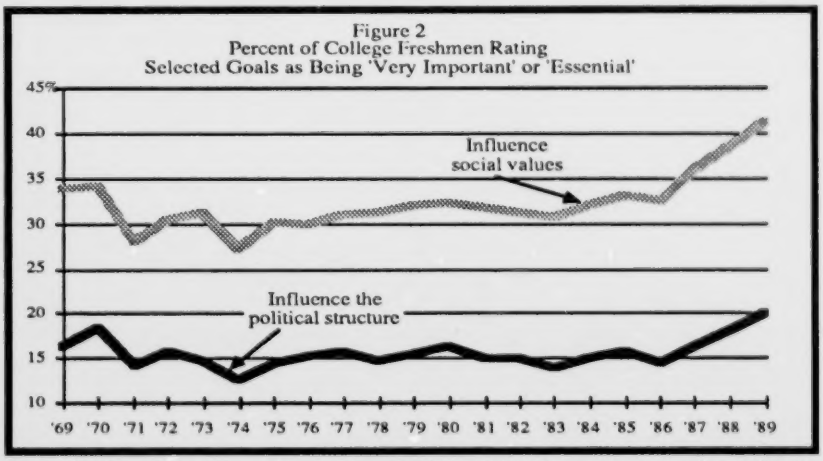
Growing Student Activism

A number of other trends suggest a growing tendency toward greater student activism.



The percent of freshmen who participated in organized demonstrations during the year prior to entering college reached a high of 36.7 percent, which is higher even than the percentages observed during the late 1960s. At the same time, the percentage of freshmen who said that there is a "very good chance" that they will participate in student protests or demonstrations in college also reached an all-time high of 6.3 percent (up from 5.4 percent in last year's survey and 4.1 - 4.7 percent in the late 1960s).

Increasing numbers of students are also saying that it is a "very important" goal for them to "influence social values" (an all-time high of 41.1 percent, up from 36.0 in 1987 and 31.1 in 1982), to "participate in community action programs" (23.3 percent, up from 18.5 percent in 1986), to "help promote racial understanding" (35.3 percent, up from 27.2 percent in 1986), and to "influence the political structure" (19.9 percent, an all-time high).

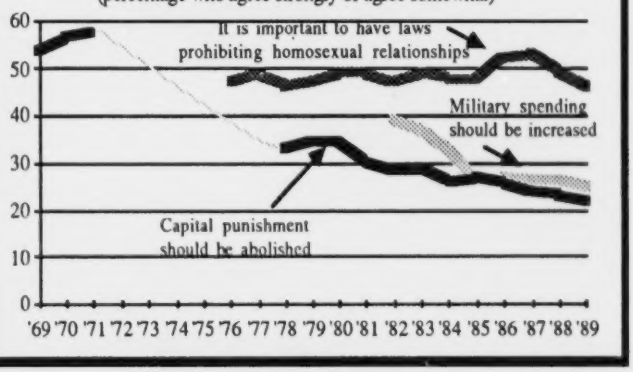


Changing Student Attitudes

The Fall 1989 survey also showed a number of other dramatic trends. Support for legalized abortion, which has remained fairly stable (between 53 and 59 percent) since 1977, took a major jump between the 1988 and 1989 surveys, from 57.0 to 64.7 percent. An abrupt change in student attitudes of this magnitude in just one year is most unusual. It may well reflect the students' growing concern about the current Supreme Court's position on this highly charged topic.

Figure 3

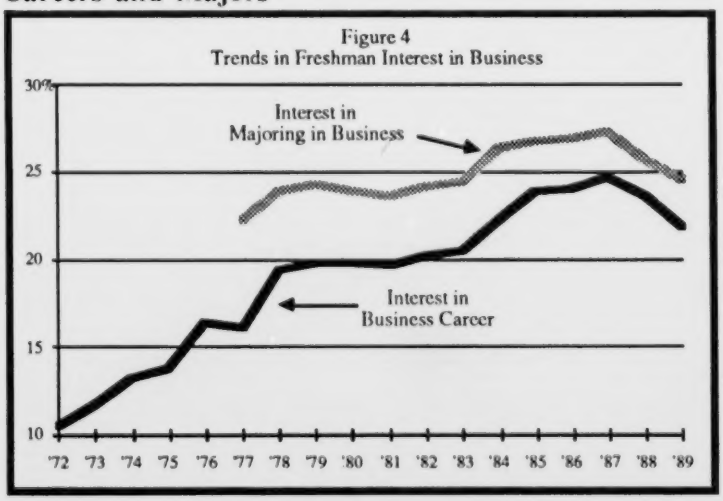
Freshman Attitudes on Selected Political and Social Issues
(percentage who agree strongly or agree somewhat)


60
50
40
30
20
10
0
It is important to have laws prohibiting homosexual relationships
Military spending should be increased
Capital punishment should be abolished
'69 '70 '71 '72 '73 '74 '75 '76 '77 '78 '79 '80 '81 '82 '83 '84 '85 '86 '87 '88 '89

Student attitudes on other issues showed a mixed pattern of trends. While student support for increasing taxes to reduce the deficit continued its slow climb (from 22.8 percent in 1985 to 28.8 in the current survey), support for increased military spending continued to drop (to 24.5 percent, compared to 26.3 percent last year and 38.8 percent in 1982), as did support for legislation prohibiting homosexual behavior (to 45.4 percent, down from 49.0 in 1988 and 53.1 percent in 1987). Support for a national health care plan to cover everyone's health care costs is up sharply (75.8 percent, compared to only 60.5 percent in 1985). In a new question asked for the first time in 1989, a large majority of students (78.2 percent) endorsed greater governmental efforts to control handguns. On the other hand, support for abolition of the death penalty continued its sharp decline (to only 21.3 percent, compared to 23.0 in 1988 and 57.6 percent in 1971). In short, while student attitudes seem to be moving in a clearly "liberal" direction on most issues, their views on crime and drugs (see below) are showing decidedly "conservative" trends.

Careers and Majors

Figure 4
Trends in Freshman Interest in Business



For the second straight year, students' interest in business careers showed a modest decline. After reaching a record high of 24.6 percent in 1987 (following a steady 15-year climb from 10.5 percent in 1972), the percent of freshmen aspiring to business careers declined to 23.6 percent in 1988 and 21.8 percent in the 1989 survey. A similar pattern appears with choices of business majors: down to 24.5 percent in 1989 after reaching its all-time high of 27.3 percent in 1987. At the same time, the percent of students who say that it is "very important" or "essential" for them to "be successful in my own business" declined from 50.7 to 45.1 between 1987 and 1989, reaching its lowest point

since 1976. While there is no way of knowing how long these declines will continue, it seems clear that the great surge of popularity of business majors and careers that we witnessed during the 1970s and 1980s has ended.

Interest in careers in the computer field continued declining (to 2.6 percent, down from its peak of 8.8 percent in 1982), as did majors in data processing or computer programming (down to 1.0 percent from the 1982 peak of 4.0 percent). Engineering careers, however, continued their modest climb to 9.0 percent (up from 8.5 percent in 1987). Interest in schoolteaching careers, after a steady climb from the low point of 4.7 in 1982 to 8.8 percent last year, dropped slightly (to 8.2 percent) in the 1989 survey. The current figure remains far below the peak of popularity (22-24 percent of the freshmen) enjoyed by teaching careers during the late 1960s.

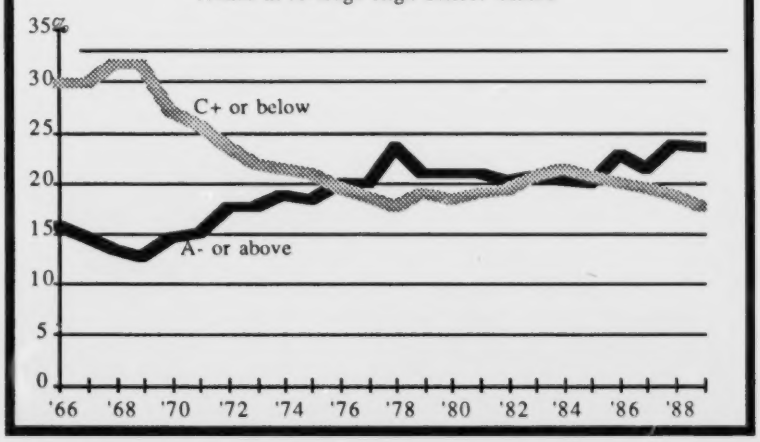
Interest in majoring in biological or physical science fields (5.9 percent) remained near the low point reached in 1988 (5.8 percent). Interest in majoring in some field of the arts or humanities continued declining (to 8.7 percent, down from 9.3 in 1988 and 10.0 in 1987), whereas interest in psychology continued its steady increase (to 4.2 percent, up from 2.1 percent in 1982).

Students' aspirations for postgraduate degrees reached another record high in the 1989 survey: 59.6 percent, up from 48.8 percent in 1980. At the same time, the numbers of students who say that "to prepare for graduate or professional school" is a major reason for attending college also reached an all-time high (51.5 percent, compared to 49.9 percent in 1988 and 34.5 percent in 1971).

Academic Issues

Other results from the 1989 survey suggest that "grade inflation" in the schools is once again on the increase. The percentage of freshmen whose average grade in high school was C+ or below declined for the fifth straight year (to 17.7 percent, compared to 21.8 percent in 1984 and 32.5 percent in 1969), nearly matching the 17.6 percent level reached in 1978, the peak year for grade inflation. At the same time, the percent reporting "A" grades (23.2 percent) remained near the high level reached in 1978 (23.3 percent).

Figure 5
Trends in Average High School Grades



Record highs were also reached in the percentages of freshmen who say they will need remedial work in math (26.5 percent, compared to 24.6 percent in 1984 and 21.4 percent in 1981) and foreign languages (9.9 percent, compared to 8.7 percent in 1984 and 7.6 percent in 1981). Record lows were recorded in the percentages of students who did extra reading for courses (10.1 percent, compared to 15.6 percent in 1970), studied with other students (85.4 percent, compared to 90.7 percent in 1967), were guests in a teacher's home (28.9 percent, compared to 37.3 percent in 1967), and visited an art gallery or museum (54.9 percent compared to 71.4 percent in 1967). By contrast, the percent who report earning a varsity letter in sports reached an all-time high (48.3 percent, compared to 30.6 percent in 1970).

These trends suggest that the academic problems in our secondary schools are still far from being resolved: fewer students than ever are doing extra reading or visiting museums and galleries and more than one student in four feels the need for remediation in math.

Drugs and Alcohol

Several other trends suggest that student use of drugs and alcohol is declining. Sharp declines were noted in the percentages who report drinking beer (60.3, compared to 65.3 percent in 1988 and 75.2 percent in 1981) and drinking wine or liquor (60.7, compared to 66.7 in 1988). The percent of students who report taking tranquilizers reached a record low of only 1.7 percent (compared to 4.2 percent in 1984 and 9.9 in 1967). Similarly, the percentage of students who agree that "marijuana should be legalized" reached another all-time low (16.7 percent, compared to 19.3 percent in 1988 and 52.9 percent in 1977). Finally, the percent agreeing that "employers should be allowed to require drug testing of employees and job applicants" took a sharp jump from 71.0 to 77.8 percent between 1988 and 1989.

The 1989 survey involved 295,966 new freshmen entering a national sample of 587 two- and four-year colleges and universities. Of these, 216,362 questionnaires from 403 institutions were used to compute the national norms, which were statistically adjusted to represent the nation's total population of approximately 1.6 million full-time freshmen. (These 403 institutions were selected because they were judged to have surveyed the most representative samples of entering freshmen.) Since 1966, more than 7 million students and 1,345 institutions have participated in the survey.

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The 1989 Freshman Norms

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High School															
1989	93.2	87.7	95.1	97.6	91.8	87.2	92.1	94.6	95.9	95.5	97.0	97.3	98.6	90.9	93.4
1988	3.2	5.1	2.7	1.4	5.0	5.1	4.8	2.9	2.5	2.5	1.6	1.5	1.0	5.7	3.5
1987	0.9	1.6	0.6	0.3	1.2	1.6	1.3	0.7	0.5	0.5	0.6	0.4	0.1	1.1	1.2
1986 or earlier	1.7	3.1	1.2	0.6	1.9	3.3	1.2	1.3	0.9	1.2	0.5	0.7	0.2	2.1	1.5
H.S. equivalency (G.E.D. test)	0.9	2.1	0.4	0.1	0.3	2.3	0.6	0.4	0.2	0.3	0.2	0.1	0.0	0.2	0.4
never completed high school	0.2	0.4	0.0	0.0	0.0	0.5	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0
Age on December 31, 1989															
16 or younger	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1
17	2.1	2.4	1.8	2.2	3.7	2.5	1.7	1.7	2.2	1.7	1.9	1.9	2.9	3.4	4.2
18	67.4	62.4	68.7	71.9	65.2	63.0	56.5	69.4	69.2	64.7	70.8	71.6	72.8	62.5	70.4
19	25.2	25.7	25.6	24.0	24.1	24.8	34.5	24.7	25.4	29.5	24.6	24.3	23.2	26.2	19.9
20	2.7	4.5	2.1	1.2	4.7	4.4	5.2	2.2	1.8	2.4	1.7	1.3	0.7	5.4	3.3
21-24	1.6	3.1	1.1	0.6	1.7	3.2	1.3	1.3	1.1	0.9	0.7	0.7	0.2	1.8	1.7
25-29	0.4	0.8	0.3	0.1	0.3	0.8	0.3	0.4	0.2	0.3	0.1	0.2	0.0	0.3	0.3
30-39	0.3	0.8	0.2	0.0	0.2	0.8	0.4	0.2	0.1	0.2	0.0	0.0	0.0	0.2	0.1
40-54	0.1	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Racial Background (1,2)															
White/Caucasian	85.6	87.9	82.8	86.7	1.9	88.4	82.6	81.9	84.6	81.4	88.1	87.8	83.4	2.5	0.6
Black/Negro/Afro-American	7.8	5.4	12.6	4.0	96.8	4.7	12.8	14.3	8.5	15.3	3.8	4.2	3.4	95.5	99.1
American Indian	0.8	0.6	0.9	0.7	1.1	0.6	1.0	0.9	0.9	1.0	0.6	0.7	0.8	0.8	1.6
Asian-American/Oriental	3.3	2.4	2.2	5.9	0.3	2.5	1.3	1.8	3.7	1.6	3.0	4.9	9.0	0.4	0.1
Mexican-American/Chicano	1.2	0.9	1.0	2.1	0.2	0.9	0.8	0.9	0.7	0.9	2.8	1.9	2.7	0.2	0.2
Puerto Rican-American	0.8	1.1	0.6	0.6	0.3	1.1	0.9	0.5	0.9	0.3	0.7	0.5	0.8	0.2	0.4
other	2.1	2.8	1.6	1.8	1.2	2.9	1.7	1.2	2.5	1.4	2.5	1.7	2.4	1.2	1.1
Average High School Grade															
A or A+	9.1	2.3	9.2	17.8	1.4	2.3	2.2	8.7	10.7	10.3	6.6	14.9	26.8	0.6	2.8
A-	11.5	5.4	11.8	19.1	2.4	5.6	3.4	10.8	14.5	12.1	11.4	17.4	24.5	2.1	3.0
B+	17.0	13.1	17.5	21.2	8.7	13.7	7.3	16.6	19.4	17.2	20.4	21.0	22.0	7.5	11.0
B	24.6	25.8	24.8	22.8	19.6	26.8	16.8	24.8	24.5	23.6	27.9	24.5	17.3	17.9	22.8
B-	16.4	21.1	15.9	11.2	19.6	21.5	16.9	16.8	14.3	14.5	16.6	12.7	6.5	19.3	20.1
C+	12.9	18.4	13.0	5.8	28.2	17.8	24.2	13.9	10.4	13.6	11.4	6.8	2.4	29.6	25.4
C	8.0	13.0	7.4	2.2	19.3	11.5	26.9	8.0	6.0	8.4	5.6	2.7	0.6	21.8	14.5
D	0.5	1.0	0.3	0.1	0.8	0.8	2.4	0.4	0.3	0.3	0.2	0.1	0.0	1.0	0.4
Miles from College to Home															
5 or less	7.4	12.8	5.4	3.5	5.7	13.6	4.9	6.2	3.8	4.4	5.9	3.8	2.6	6.2	4.8
6-10	8.4	13.6	6.2	5.1	4.7	14.6	3.7	7.5	3.8	3.7	8.3	5.6	3.5	4.1	5.8
11-50	25.6	35.2	22.4	17.7	15.4	37.2	15.6	26.4	14.7	17.1	24.4	19.0	13.6	16.6	13.3
51-100	15.9	15.6	16.4	15.8	14.9	15.6	15.2	17.2	13.2	17.1	17.9	17.9	9.1	17.6	9.7
101-500	31.3	19.5	34.1	42.7	33.0	17.4	39.4	32.8	35.1	39.2	30.8	44.1	38.4	35.5	28.2
more than 500	11.3	3.4	15.5	15.3	26.3	1.6	21.4	10.0	29.4	18.4	12.8	9.7	32.9	20.0	38.3

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	2.5	3.3	2.4	1.5	6.6	3.4	2.8	2.4	2.3	2.8	2.0	1.6	1.2	6.3	7.0
$6,000 - $9,999	2.3	3.1	2.0	1.5	6.6	3.1	3.2	2.1	1.7	2.3	1.6	1.7	1.2	6.7	6.4
$10,000 - $14,999	4.2	5.2	4.1	2.9	9.3	5.3	4.6	4.2	3.4	4.7	3.4	3.2	2.0	9.5	9.1
$15,000 - $19,999	4.5	5.4	4.3	3.7	7.0	5.5	5.2	4.3	4.3	5.0	3.4	4.0	2.7	6.5	7.9
$20,000 - $24,999	6.4	7.8	6.1	5.1	9.5	7.9	6.5	6.3	5.1	6.9	5.5	5.5	3.6	9.9	8.8
$25,000 - $29,999	6.8	8.4	6.6	5.2	8.3	8.6	6.3	7.0	5.5	7.0	5.1	5.6	3.7	8.9	7.2
$30,000 - $34,999	9.2	11.3	8.6	7.4	8.3	11.7	7.6	8.9	7.4	8.9	8.2	8.0	5.7	8.1	8.7
$35,000 - $39,999	8.9	10.4	8.6	7.4	7.6	10.7	7.9	9.1	7.0	8.7	8.3	7.8	6.0	7.6	7.6
$40,000 - $49,999	13.2	13.9	13.2	12.3	10.1	14.1	12.2	14.5	11.3	11.4	12.0	13.1	9.6	10.6	9.2
$50,000 - $59,999	12.3	11.5	12.8	12.7	9.8	11.6	10.1	14.0	11.4	11.1	12.0	13.2	10.9	9.8	9.8
$60,000 - $74,999	11.2	8.9	11.8	13.3	8.3	8.7	10.9	12.1	12.0	10.0	13.0	13.4	13.0	7.8	9.3
$75,000 - $99,999	8.1	5.1	8.7	10.8	4.9	4.8	8.5	8.2	10.2	8.0	9.6	10.1	13.2	4.9	5.0
$100,000 - $149,999	5.5	3.2	5.6	8.4	2.1	2.8	6.1	4.2	8.2	6.1	7.7	7.3	11.9	2.0	2.3
$150,000 or more	5.0	2.4	5.3	7.9	1.5	1.8	7.9	2.6	10.3	6.9	8.1	5.5	15.4	1.4	1.6
Status of Parents															
living with each other	74.5	73.6	73.4	77.2	46.6	73.9	70.5	72.3	73.9	74.1	79.1	76.4	79.6	46.2	47.4
divorced or separated	20.8	20.7	22.1	19.0	43.9	20.3	24.2	23.2	21.7	21.4	16.3	19.8	16.5	44.6	42.6
one or both deceased	4.7	5.7	4.5	3.8	9.5	5.8	5.2	4.5	4.4	4.6	4.6	3.8	3.9	9.2	10.0
Students Strongly Agreed with Characterization of Parents As															
interested in intell pursuits	23.9	17.8	25.3	29.7	36.1	17.4	21.4	22.6	30.4	27.9	26.8	27.7	35.9	34.3	39.4
interested in cultural pursuits	10.4	6.8	11.5	13.4	19.2	6.4	10.3	9.4	15.8	12.9	12.9	11.6	18.9	17.8	21.8
deeply religious	15.0	12.3	18.1	13.7	29.7	11.5	20.1	16.7	16.6	24.8	19.3	12.6	16.8	30.5	28.3
interested in politics	9.4	7.4	10.0	10.9	10.3	7.1	11.0	8.7	12.0	11.3	11.1	9.9	13.9	9.1	12.5
deeply concerned about children	72.9	69.9	75.1	73.4	86.0	69.1	78.0	73.5	76.9	77.4	78.2	71.7	78.7	87.4	83.4
financially comfortable	19.5	16.0	20.1	23.2	19.3	15.3	23.1	18.7	22.8	20.7	22.3	21.6	27.9	19.7	18.7
having high aspirations for me	62.9	55.9	66.4	66.8	79.3	55.1	64.4	64.8	68.9	68.2	67.1	64.7	73.4	79.3	79.1
difficult to talk with	6.9	6.8	6.9	7.0	7.6	6.8	6.7	7.0	6.7	7.0	7.1	7.1	6.9	7.2	8.3
Have Had Remedial Work In															
English	6.8	8.1	6.9	4.8	12.6	7.8	11.4	6.3	7.8	8.0	7.5	4.8	4.7	11.3	14.9
reading	6.3	8.1	6.3	4.1	12.6	7.9	10.5	5.8	6.6	7.6	6.3	4.2	3.6	11.2	15.4
mathematics	9.9	10.7	10.7	7.5	15.1	10.2	16.4	9.5	11.8	12.5	13.6	7.3	7.9	14.3	16.4
social studies	4.9	6.0	5.1	3.4	11.4	5.8	8.0	4.8	4.9	6.2	4.6	3.6	2.8	9.7	14.7
science	5.3	6.1	5.6	3.8	11.1	6.0	7.4	5.3	5.8	6.2	5.8	3.9	3.6	10.3	12.7
foreign language	5.2	5.5	5.7	4.2	9.2	5.2	8.2	5.1	6.6	6.1	6.6	4.1	4.3	9.2	9.3
Will Need Remedial Work In															
English	13.0	16.5	12.7	8.9	18.2	16.0	21.2	12.9	11.5	13.6	12.3	9.3	7.4	18.5	17.7
reading	5.4	7.7	4.9	3.0	7.6	7.5	10.2	4.9	4.8	4.8	5.7	3.0	2.9	7.7	7.4
mathematics	22.5	27.5	22.9	15.5	37.8	26.6	36.8	24.0	19.3	23.4	23.1	16.5	12.4	35.5	42.2
social studies	2.5	2.9	2.7	1.8	4.5	2.6	5.6	2.6	2.6	3.1	2.9	1.9	1.7	3.8	5.8
science	7.9	7.8	8.7	6.8	13.6	7.2	13.2	8.7	8.4	9.8	8.3	7.0	6.2	11.0	18.4
foreign language	10.6	9.0	12.8	9.2	22.7	8.2	17.3	12.4	11.4	16.0	13.0	9.5	8.5	17.8	32.0

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
used a personal computer (3)	31.0	23.2	32.5	38.9	26.1	23.2	23.8	31.9	36.7	30.4	29.9	36.5	46.3	23.4	31.3
attended a religious service	78.7	74.7	82.0	78.9	87.9	73.9	82.6	81.4	77.2	88.2	88.1	78.0	81.7	87.3	88.9
was bored in class	92.7	88.7	94.2	95.7	89.1	88.3	92.7	93.9	94.7	94.1	95.8	95.5	96.5	89.2	88.9
participated in demonstration	35.8	35.0	38.6	32.8	50.0	34.0	44.9	39.2	36.4	39.1	38.8	32.9	32.6	49.3	51.3
won varsity letter in sports	56.7	49.7	60.8	59.6	56.7	47.8	67.6	59.0	60.7	65.9	64.6	59.1	61.1	58.3	53.8
didn't complete homework on time	72.8	71.9	74.4	71.5	73.6	71.2	79.3	73.9	75.0	74.9	74.8	72.2	69.4	73.3	74.2
tutored another student	44.0	31.9	46.5	55.9	43.7	31.8	33.0	46.0	48.1	46.6	45.4	53.1	64.6	39.8	50.7
did extra class work/reading (3)	8.5	6.5	9.2	10.1	13.5	6.4	7.5	8.6	10.1	9.8	9.6	9.2	12.7	11.7	16.9
studied with other students	83.2	78.2	84.5	87.6	84.5	77.5	84.3	83.8	85.2	85.9	85.6	87.1	89.3	83.9	85.5
was a guest in a teacher's home.	28.5	23.5	31.8	30.1	27.9	22.5	33.3	30.1	33.0	37.6	28.4	28.9	34.0	28.0	27.6
smoked cigarettes (3)	8.6	12.2	7.3	5.7	2.0	12.3	11.2	7.6	7.2	6.0	8.5	6.0	5.0	1.9	2.1
drank beer	66.8	68.0	64.4	68.5	45.1	68.4	64.6	64.6	65.8	57.1	76.2	68.9	67.2	45.3	44.7
drank wine or liquor	58.4	57.2	57.0	61.9	35.2	57.4	54.8	56.9	58.4	51.1	66.7	61.7	62.4	34.1	37.2
stayed up all night	79.0	78.7	79.5	78.8	79.7	78.6	79.2	79.9	79.2	78.8	78.4	78.8	78.5	77.8	83.2
spoke other language at home (3)	6.7	7.7	5.2	7.6	4.0	7.7	6.8	4.2	7.5	4.3	8.2	6.8	10.3	3.4	5.1
felt overwhelmed (3)	12.8	10.6	13.8	14.3	15.2	10.2	14.4	13.4	14.0	14.3	14.9	14.1	14.9	15.1	15.2
felt depressed (3)	6.3	5.8	6.7	6.2	8.7	5.6	7.9	6.7	6.3	7.0	7.1	6.3	5.9	8.3	9.4
argued with teacher in class	48.9	44.6	49.4	53.8	39.5	44.6	44.2	48.1	52.0	50.0	51.7	53.1	55.7	38.5	41.5
took sleeping pills	2.9	2.8	3.1	2.6	2.0	2.7	4.2	3.0	3.2	3.5	3.1	2.6	2.7	1.5	2.9
took a tranquilizing pill	1.7	1.7	1.9	1.3	1.1	1.7	2.5	1.8	1.7	2.2	2.2	1.3	1.4	0.8	1.6
discussed personal prob w/friend	85.8	83.4	87.0	87.0	84.0	83.2	85.9	86.1	87.9	88.9	87.9	86.5	88.6	82.6	86.6
studied in the library (3)	11.3	9.1	12.1	13.1	18.0	8.7	13.6	11.2	13.5	12.9	13.1	12.5	15.0	16.7	20.4
performed volunteer work	58.8	51.3	61.7	64.0	60.2	50.3	61.3	58.9	64.0	66.4	67.2	61.5	71.7	59.8	61.0
visited art gallery or museum	52.6	46.3	53.9	58.7	55.7	45.5	53.2	50.7	61.2	54.7	56.1	56.3	66.4	53.5	59.7
worried about choosing career	73.9	74.1	73.3	74.5	67.9	73.8	76.5	74.3	68.3	75.2	76.2	75.0	72.8	69.5	65.0
Student's Religious Preference															
Baptist	14.1	12.8	18.7	8.9	56.4	11.5	25.8	21.9	11.2	23.7	3.5	8.9	9.1	59.9	50.0
Buddhist	0.4	0.3	0.4	0.5	0.2	0.3	0.3	0.4	0.6	0.3	0.2	0.5	0.6	0.1	0.2
Congregational	1.1	0.8	1.1	1.4	0.3	0.8	0.9	1.1	1.7	1.1	0.3	1.6	0.8	0.1	0.6
Eastern Orthodox	0.6	0.8	0.5	0.7	0.0	0.8	0.6	0.4	0.7	0.4	0.8	0.7	0.6	0.0	0.1
Episcopal	2.4	1.7	2.7	2.7	1.8	1.6	2.9	2.3	3.7	3.7	1.3	2.5	3.4	1.5	2.3
Islamic	0.5	0.7	0.5	0.4	1.9	0.7	0.4	0.4	0.7	0.2	0.3	0.4	0.5	2.2	1.5
Jewish	2.8	2.1	1.7	5.5	0.1	2.1	2.0	1.4	3.8	0.6	0.3	4.7	7.8	0.1	0.0
LDS (Mormon)	0.3	0.2	0.3	0.3	0.1	0.2	0.1	0.4	0.2	0.2	0.1	0.3	0.3	0.1	0.0
Lutheran	6.3	5.9	5.9	7.3	0.6	5.8	6.9	6.5	3.8	7.5	3.3	8.4	3.9	0.5	0.9
Methodist	9.2	10.1	9.3	7.7	10.5	10.0	11.2	10.6	6.1	12.0	2.7	8.2	6.0	9.4	12.6
Presbyterian	4.8	4.4	4.8	5.2	1.9	4.3	5.4	4.4	5.0	7.2	1.8	5.3	4.8	1.7	2.3
Quaker	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.2	0.3	0.1	0.2
Roman Catholic	33.5	38.2	29.5	33.5	10.2	39.8	22.4	27.9	30.6	15.0	73.0	32.1	37.8	8.2	14.0
Seventh Day Adventist	0.3	0.3	0.5	0.2	0.9	0.3	0.1	0.3	0.3	1.7	0.4	0.2	0.2	0.9	0.7
other Protestant	5.2	5.0	6.2	3.9	1.8	5.1	4.5	4.9	8.3	9.4	2.4	4.0	3.8	1.9	1.7
other religion	4.7	4.5	5.2	4.1	6.3	4.2	6.9	4.9	5.0	7.5	2.2	4.2	3.8	7.1	4.8
none	13.7	12.1	12.5	17.4	6.8	12.4	9.3	12.1	17.8	9.1	7.2	17.8	16.1	6.1	8.1
Student Born-Again Christian?															
no	75.2	77.1	69.3	81.1	53.2	78.7	61.8	68.1	76.8	55.4	89.4	80.8	82.1	51.0	57.1
yes	24.8	22.9	30.7	18.9	46.8	21.3	38.2	31.9	23.2	44.6	10.6	19.2	17.9	49.0	42.9

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Student Rated Self Above Average or Highest 10% in															
academic ability	59.7	39.1	63.3	81.0	41.6	39.8	33.1	62.4	68.2	60.8	61.5	78.7	88.3	36.1	51.9
artistic ability	27.1	24.4	27.2	30.4	24.8	24.5	23.2	26.6	30.7	25.9	24.2	30.0	31.5	22.6	29.0
competitiveness	67.0	58.4	70.0	73.8	66.1	57.7	65.1	69.4	69.2	72.3	71.4	72.8	76.9	65.4	67.3
drive to achieve	66.8	56.6	70.0	75.1	69.4	56.2	60.2	68.5	72.6	72.0	70.6	73.2	81.0	66.8	74.3
emotional health	62.9	56.5	65.1	67.9	66.1	55.8	62.6	64.1	67.0	66.6	64.8	66.9	70.9	65.7	66.8
foreign language ability	26.1	17.5	27.0	35.7	20.5	17.5	17.1	25.8	30.1	26.7	28.4	33.4	42.8	18.3	24.6
leadership ability	56.2	46.7	60.1	62.8	58.6	46.0	53.8	58.7	61.8	63.1	60.1	61.1	68.4	58.1	59.7
mathematical ability	48.3	36.1	48.4	63.9	31.2	37.1	26.0	48.3	53.1	44.3	44.3	62.3	68.7	28.4	36.5
physical health	70.1	65.1	71.9	74.1	72.1	64.3	72.7	71.1	72.4	73.4	74.0	74.3	73.2	72.7	71.0
popularity	49.9	43.7	52.0	54.9	51.1	43.0	50.7	51.3	52.1	53.5	55.0	54.3	56.9	50.5	52.2
popularity with opposite sex	47.8	43.3	49.9	50.4	56.4	42.5	51.0	49.2	49.7	51.8	51.8	50.1	51.3	55.7	57.7
public speaking ability	31.4	21.8	34.8	38.7	33.7	21.2	27.7	32.8	36.9	38.6	35.6	36.3	46.2	31.1	38.5
self-confidence (intellectual)	58.5	45.5	61.8	70.2	64.5	45.2	49.2	60.7	64.6	62.4	61.8	68.0	77.1	62.5	68.2
self-confidence (social)	48.8	42.1	51.8	52.9	60.4	41.2	50.9	51.3	51.7	53.0	53.3	52.2	55.2	60.2	60.9
writing ability	39.2	26.9	42.2	50.6	37.7	26.7	28.7	40.1	46.8	43.6	42.0	47.5	60.2	35.8	41.3
Prior Credit at This Institution															
no	96.5	96.4	96.5	96.8	96.9	96.2	97.7	96.0	97.4	96.7	96.7	96.7	97.1	98.2	94.5
yes	3.5	3.6	3.5	3.2	3.1	3.8	2.3	4.0	2.6	3.3	3.3	3.3	2.9	1.8	5.5
This College is Student's															
first choice	69.0	69.2	67.0	71.6	47.6	70.4	57.5	66.0	69.3	67.3	67.5	71.9	70.8	45.9	50.9
second choice	22.2	21.3	24.0	21.0	37.1	20.6	27.7	24.8	22.0	23.2	24.4	21.0	21.1	37.9	35.7
third choice	5.5	5.4	6.0	4.9	10.7	5.1	7.9	6.1	5.6	6.4	5.1	4.7	5.4	10.8	10.7
less than third choice	3.3	4.1	3.1	2.5	4.5	3.9	6.9	3.1	3.1	3.1	3.0	2.4	2.6	5.5	2.7
Number of Other Colleges Applied to for Admission This Year															
none	30.2	42.5	23.7	23.8	16.5	44.2	26.0	27.2	18.7	21.9	13.8	27.7	11.5	17.7	14.3
one	14.2	15.2	13.7	13.6	10.8	15.3	13.7	15.0	10.9	13.9	11.0	14.9	9.3	11.0	10.6
two	16.8	16.5	17.5	15.9	18.6	16.2	19.5	19.0	14.3	17.0	16.7	16.8	13.2	20.3	15.2
three	15.6	12.9	18.0	15.6	23.9	12.3	19.2	17.7	17.4	18.8	21.0	15.3	16.4	24.1	23.6
four	9.7	6.9	11.3	10.8	14.0	6.5	11.4	10.1	12.7	12.3	14.9	9.7	14.4	12.6	16.6
five	6.1	3.2	7.2	8.1	8.0	3.0	5.4	5.7	9.8	8.1	10.3	6.7	12.5	7.3	9.3
six or more	7.5	2.7	8.5	12.2	8.2	2.4	4.8	5.4	16.2	8.0	12.2	8.9	22.6	7.0	10.4
Number of Other College Acceptances This Year (4)															
none	16.3	29.0	11.8	9.4	12.3	29.8	22.6	12.7	9.8	11.7	11.2	11.2	4.7	13.6	9.8
one	25.9	29.9	24.5	23.6	21.7	30.3	26.9	26.9	20.6	23.4	21.2	26.2	16.9	22.9	19.4
two	23.8	21.9	25.0	24.0	26.9	21.3	26.7	25.8	23.5	24.6	24.3	24.7	22.1	27.9	25.1
three	17.1	11.7	19.4	19.3	20.7	11.3	14.6	18.5	20.7	19.9	20.9	18.4	21.7	19.3	23.3
four	8.9	4.9	10.1	11.4	9.7	4.9	4.7	8.8	12.2	10.4	11.9	9.8	15.6	8.8	11.3
five	4.0	1.5	4.7	5.8	4.6	1.5	2.0	3.8	6.4	5.2	5.0	4.8	8.2	4.0	5.7
six or more	4.1	1.1	4.6	6.5	4.1	0.9	2.5	3.5	6.8	4.8	5.6	4.9	10.7	3.3	5.5

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR SPENT ON															
None															
studying or doing homework	2.0	2.7	1.8	1.4	1.4	2.7	2.6	2.0	1.4	1.7	1.5	1.6	0.9	1.4	1.3
socializing with friends	0.3	0.4	0.3	0.2	0.5	0.5	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.5	0.5
talking w/teacher outside class	8.3	10.4	7.1	7.4	7.0	10.8	6.9	8.1	6.1	5.6	5.5	8.1	5.1	7.1	6.8
exercising or sports	2.8	3.8	2.5	1.9	3.6	4.0	1.7	2.7	2.2	2.2	2.0	1.9	1.8	3.0	4.7
partying	11.5	11.6	11.9	10.9	9.7	11.8	10.7	11.5	12.5	14.4	7.9	10.9	11.0	9.9	9.3
working (for pay)	24.4	18.3	26.3	29.3	25.3	17.5	25.6	23.3	31.7	30.0	26.7	25.9	39.9	24.8	26.0
volunteer work	51.1	56.5	48.8	47.7	52.8	57.2	49.5	50.9	46.8	45.8	44.0	50.0	40.6	53.2	52.0
student clubs and groups	35.9	46.7	32.2	27.8	36.5	47.6	38.2	34.4	29.1	28.6	32.0	30.9	18.0	39.2	31.6
watching TV	4.4	4.0	4.6	4.7	3.0	3.9	4.7	4.1	6.0	4.9	4.4	4.4	5.6	3.0	2.9
hobbies	7.6	7.7	7.8	7.3	10.1	7.8	7.0	8.0	7.2	7.9	8.2	7.4	7.0	10.6	9.2
Six or More Hours															
studying or doing homework	36.8	30.2	37.2	44.5	35.5	30.0	32.5	32.9	45.3	39.7	43.4	40.8	55.9	31.2	43.4
socializing with friends	77.6	73.4	78.9	80.9	66.1	73.1	76.5	78.3	80.6	77.7	81.0	80.5	82.1	64.9	68.5
talking w/teacher outside class	15.5	16.6	16.3	12.9	22.3	16.2	20.6	15.0	17.5	18.8	17.7	12.7	13.5	20.3	26.1
exercising or sports	60.6	56.9	62.6	62.3	53.5	56.1	65.1	61.3	63.1	64.3	67.5	62.0	63.4	54.3	51.9
partying	35.0	35.6	34.8	34.4	35.2	35.1	39.8	35.0	34.4	31.7	42.0	34.7	33.3	34.8	36.0
working (for pay)	63.3	70.6	61.0	57.5	60.5	71.6	60.9	64.6	55.6	54.5	61.0	61.5	45.1	60.4	60.5
volunteer work	5.0	4.8	5.4	4.6	7.3	4.6	6.3	4.7	6.0	6.3	6.7	4.2	6.0	6.5	9.0
student clubs and groups	11.6	8.9	12.5	13.6	14.8	8.7	11.2	11.1	14.6	14.0	14.4	11.8	19.2	13.7	16.9
watching TV	36.4	36.1	37.3	35.6	45.0	35.9	38.1	37.9	35.2	37.8	37.0	36.3	33.5	44.2	46.4
hobbies	34.6	36.0	35.0	32.2	37.3	35.7	38.7	34.9	35.6	35.3	33.4	32.4	31.4	35.7	40.4
Sixteen or More Hours															
studying or doing homework	5.9	3.9	6.1	8.3	6.8	3.9	3.9	4.6	9.1	7.0	7.2	6.5	13.8	5.8	8.8
socializing with friends	37.4	35.4	38.9	37.7	33.7	35.1	38.6	38.3	39.6	38.6	42.3	37.8	37.6	33.0	35.0
talking w/teacher outside class	4.8	5.3	5.3	3.6	7.5	5.1	6.8	4.8	5.8	5.8	6.4	3.5	3.7	6.8	8.7
exercising or sports	22.8	20.5	25.1	22.3	24.0	19.7	28.0	24.4	24.3	27.4	28.8	22.0	23.1	24.6	22.8
partying	9.6	10.9	9.5	7.9	9.8	10.7	12.7	9.9	8.7	8.5	11.9	8.1	7.4	10.0	9.4
working (for pay)	41.6	48.7	39.6	35.4	41.1	50.1	35.7	43.1	35.3	33.3	37.5	39.0	24.4	40.6	42.1
volunteer work	1.5	1.8	1.4	1.2	2.5	1.7	2.3	1.1	1.6	1.9	1.6	1.1	1.4	2.4	2.6
student clubs and groups	2.7	2.1	3.1	3.0	4.5	2.0	2.5	2.8	3.5	3.4	3.5	2.6	4.6	4.5	4.7
watching TV	8.7	9.1	9.0	7.8	18.9	8.8	11.2	9.2	8.1	9.7	8.1	8.2	6.8	19.5	17.9
hobbies	9.7	10.8	9.9	7.9	15.7	10.5	13.2	10.1	9.8	9.9	9.0	8.1	7.3	16.2	14.9
U.S. Citizen?															
yes	96.8	96.0	97.5	96.9	97.9	96.0	96.2	98.2	96.0	97.7	96.2	97.2	95.8	97.5	98.7
permanent resident	1.7	2.3	0.9	1.9	0.7	2.5	0.7	0.8	1.2	0.6	1.4	1.9	2.1	0.9	0.5
no	1.5	1.7	1.6	1.2	1.3	1.5	3.1	1.1	2.8	1.7	2.4	0.9	2.1	1.6	0.9

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degreee Planned Anywhere															
none	1.2	2.1	1.1	0.5	1.6	2.0	3.1	1.1	1.0	1.0	1.0	0.6	0.4	1.9	1.1
vocational certificate	1.3	3.7	0.2	0.1	0.4	4.0	1.1	0.3	0.2	0.2	0.0	0.1	0.0	0.4	0.4
associate (A.A. or equivalent)	3.9	10.8	0.9	0.3	0.7	11.5	4.1	1.0	0.5	0.9	0.4	0.4	0.1	0.7	0.6
bachelor's (B.A., B.S.)	33.1	43.1	30.8	25.0	27.5	43.4	40.3	33.7	27.3	26.5	27.4	28.5	14.4	32.4	18.9
master's (M.A., M.S.)	36.3	28.6	39.9	39.9	41.1	27.9	34.7	40.9	40.2	35.4	41.4	40.0	39.5	41.7	40.1
Ph.D. or Ed.D.	12.0	5.8	13.7	16.6	15.2	5.6	7.6	12.4	15.5	16.5	12.5	15.5	20.1	12.2	20.3
M.D., D.O., D.D.S., D.V.M.	5.4	2.1	5.5	8.8	5.1	2.1	2.9	4.2	6.2	8.5	7.3	7.8	12.0	3.4	8.2
LL.B. or J.D. (law)	4.9	2.1	5.6	7.3	5.3	2.0	2.3	4.1	7.2	7.6	7.9	5.8	12.1	4.2	7.3
B.D. or M.Div. (divinity)	0.4	0.3	0.5	0.3	0.9	0.2	1.0	0.4	0.4	1.2	0.6	0.2	0.4	0.8	1.1
other	1.5	1.5	1.8	1.0	2.1	1.3	2.9	1.9	1.6	1.9	1.4	1.0	1.0	2.2	1.9
Highest Degree Planned at Freshman College															
none	3.7	5.8	3.7	1.3	2.5	5.4	9.2	4.7	1.9	3.5	2.0	1.5	0.7	3.1	1.6
vocational certificate	1.7	4.8	0.5	0.1	0.6	5.0	2.9	0.6	0.3	0.4	0.3	0.1	0.1	0.8	0.2
associate (A.A. or equivalent)	16.7	48.9	2.9	1.0	2.9	47.4	62.0	3.5	1.6	3.1	1.6	1.2	0.3	3.7	1.6
bachelor's (B.A., B.S.)	58.9	32.1	75.2	65.2	67.5	33.5	19.5	72.2	80.1	78.8	74.8	64.8	66.4	65.0	71.2
master's (M.A., M.S.)	13.3	5.3	13.4	22.2	19.1	5.7	1.8	14.5	12.7	9.7	16.4	22.5	21.3	20.9	16.3
Ph.D. or Ed.D.	2.0	0.8	1.5	4.2	3.0	0.8	0.7	1.6	1.1	1.5	1.5	4.3	4.1	2.3	4.0
M.D., D.O., D.D.S., D.V.M.	1.1	0.3	0.5	2.9	0.8	0.3	0.0	0.4	0.5	0.5	0.6	2.8	3.2	0.4	1.4
LL.B. or J.D. (law)	0.9	0.3	0.6	2.1	1.3	0.3	0.6	0.6	0.6	0.6	0.9	1.7	3.1	1.4	1.1
B.D. or M.Div. (divinity)	0.2	0.2	0.2	0.2	0.5	0.1	0.7	0.3	0.2	0.3	0.3	0.2	0.2	0.4	0.5
other	1.3	1.6	1.5	0.8	1.9	1.5	2.6	1.6	1.2	1.6	1.5	0.9	0.7	1.8	2.0
Reasons Noted as Very Important or Essential in Career Choice															
job openings regularly available	69.2	74.4	67.5	64.9	86.4	75.1	68.0	69.8	63.2	64.8	67.6	67.4	57.1	86.2	86.9
rapid advancement possible	69.5	72.7	68.9	66.4	86.0	73.1	69.4	71.4	64.8	65.0	70.3	67.8	62.2	86.4	85.3
high anticipated earnings	77.2	80.9	75.4	75.1	90.5	81.3	77.2	77.7	71.8	71.5	76.2	76.2	71.8	89.8	91.6
well-respected/prestigious job	66.7	67.2	66.7	65.8	82.9	67.2	67.8	68.1	63.7	64.8	68.7	65.9	65.6	82.7	83.2
great deal of independence	66.8	65.7	66.7	68.3	80.1	65.5	67.3	66.1	68.1	66.6	68.1	68.2	68.6	78.6	82.7
chance for steady progress	78.9	78.7	79.0	79.0	88.8	78.5	80.6	79.7	78.7	76.4	80.2	79.3	77.9	88.0	90.1
make important contrib to soc	59.4	53.4	62.5	62.4	78.0	52.5	61.7	60.6	63.0	68.0	63.9	61.0	66.6	76.8	80.1
can avoid pressure	36.1	39.5	36.2	31.5	57.5	39.2	41.7	36.9	33.9	36.1	37.7	33.1	26.6	57.7	57.1
can work with ideas	71.2	69.6	71.0	73.4	79.8	69.5	70.4	70.8	72.1	70.2	70.8	73.2	74.0	78.5	82.2
can be helpful to others	67.8	65.5	70.1	67.4	83.8	64.6	74.1	68.9	69.2	75.1	71.6	66.6	69.7	83.2	84.9
able to work with people	67.9	67.0	69.8	66.1	82.9	66.2	74.6	68.5	69.0	74.4	73.5	65.3	68.6	82.7	83.1
intrinsic interest in field	76.2	73.7	76.2	79.4	80.3	73.8	72.8	75.6	78.6	75.8	75.7	78.7	81.6	79.3	82.2
work would be challenging	69.5	66.2	70.2	72.8	76.1	65.7	70.8	68.8	72.8	71.4	70.4	71.4	77.3	75.3	77.6

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	5.2	5.0	6.3	4.0	7.9	5.2	2.9	7.2	4.4	5.2	7.4	4.3	3.2	8.9	6.2
actor or entertainer	0.9	0.6	1.1	1.0	1.2	0.5	1.2	1.1	1.2	1.2	0.9	0.9	1.4	1.1	1.3
architect or urban planner	3.0	4.7	1.4	3.2	2.5	5.0	1.8	1.6	1.3	1.2	0.6	3.8	1.5	2.7	2.3
artist	1.6	1.6	1.9	1.1	1.7	1.3	3.9	1.7	3.4	1.1	1.2	1.2	0.9	2.0	1.2
business (clerical)	0.3	0.4	0.3	0.3	0.5	0.4	0.6	0.3	0.3	0.4	0.6	0.3	0.2	0.6	0.4
business executive (management)	12.8	10.6	14.7	12.9	16.4	10.2	14.6	14.9	13.3	14.2	18.6	12.4	14.3	19.7	10.7
business owner or proprietor	5.0	5.3	5.1	4.3	6.6	4.9	9.8	4.8	5.6	4.9	6.6	4.1	5.0	6.8	6.4
business salesperson or buyer	1.4	1.6	1.6	1.0	2.1	1.5	2.2	1.7	1.2	1.5	1.9	1.1	0.8	2.4	1.5
clergy (minister,priest)	0.3	0.1	0.6	0.1	0.3	0.1	0.4	0.2	0.6	2.1	1.0	0.1	0.3	0.3	0.4
clergy (other religious)	0.1	0.0	0.2	0.1	0.0	0.0	0.3	0.0	0.2	0.6	0.1	0.0	0.1	0.0	0.0
clinical psychologist	0.6	0.4	0.7	0.6	0.8	0.4	0.9	0.6	0.8	0.9	0.7	0.5	0.6	0.3	1.7
college teacher	0.4	0.3	0.5	0.5	0.0	0.3	0.4	0.3	0.8	0.8	0.3	0.5	0.6	0.0	0.1
computer programmer or analyst	3.5	4.0	3.7	2.5	7.4	4.1	3.1	4.4	2.7	3.1	2.7	2.7	2.2	8.1	6.2
conservationist or forester	1.0	1.5	0.6	0.8	0.1	1.5	1.5	0.8	0.5	0.4	0.1	1.0	0.1	0.1	0.1
dentist (including orthodontist)	0.6	0.2	0.7	0.7	0.7	0.2	0.5	0.7	0.5	0.9	0.8	0.7	0.8	0.6	0.9
dietitian or home economist	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2
engineer	16.5	19.1	11.7	20.0	13.5	20.6	5.0	13.5	13.2	6.0	4.6	21.3	15.8	10.2	19.5
farmer or rancher	0.8	1.1	0.5	0.8	0.0	1.1	0.8	0.7	0.2	0.5	0.1	1.0	0.1	0.0	0.0
foreign service worker	0.6	0.2	0.7	0.9	0.2	0.3	0.1	0.4	1.0	0.9	1.1	0.7	1.8	0.1	0.3
homemaker (full-time)	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
interior decorator (inci design)	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
intepreter (translator)	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0
lab technician or hygienist	0.3	0.4	0.2	0.2	0.4	0.4	0.2	0.2	0.1	0.2	0.3	0.2	0.1	0.5	0.1
law enforcement officer	1.9	3.1	1.5	0.8	1.2	3.1	2.9	1.6	1.1	1.4	2.6	0.9	0.3	1.2	1.2
lawyer (attorney) or judge	5.3	2.8	5.8	7.6	6.9	2.8	2.5	4.4	6.9	8.1	9.0	6.2	12.0	5.7	9.0
military service (career)	1.7	1.0	2.8	1.2	1.5	0.7	4.0	3.7	2.5	0.5	0.8	1.2	1.1	1.7	1.1
musician (performer,composer)	1.4	1.3	1.5	1.3	1.9	1.2	2.1	1.6	1.0	1.9	1.1	1.2	1.4	1.8	2.0
nurse	0.3	0.5	0.2	0.1	0.3	0.5	0.2	0.3	0.1	0.1	0.2	0.1	0.1	0.4	0.0
optometrist	0.2	0.1	0.3	0.3	0.5	0.1	0.4	0.3	0.2	0.4	0.2	0.4	0.2	0.4	0.6
pharmacist	0.8	0.7	0.6	1.2	1.2	0.7	0.9	0.7	0.3	0.7	0.4	1.5	0.4	0.6	2.4
physician	4.0	1.6	3.9	6.9	4.1	1.6	1.9	2.7	4.6	6.9	5.5	5.8	10.4	2.0	8.0
school counselor	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.0	0.0	0.4
school principal/superintendent	0.1	0.1	0.1	0.0	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.3	0.1
scientific researcher	1.9	1.2	1.9	2.7	0.9	1.3	1.0	2.0	2.0	1.9	1.3	2.7	2.7	0.9	0.9
social,welfare,recreation worker	0.3	0.2	0.4	0.2	0.5	0.2	0.5	0.4	0.3	0.5	0.4	0.2	0.2	0.4	0.7
statistician	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0
therapist (phys,occup,speech)	1.2	1.1	1.5	0.9	0.6	1.0	2.0	1.7	0.8	1.8	1.9	1.0	0.6	0.4	0.9
teacher (elementary)	0.7	0.7	1.0	0.3	1.2	0.7	1.5	1.0	0.5	1.6	1.0	0.3	0.1	1.5	0.6
teacher (secondary)	2.8	2.6	3.9	1.7	2.3	2.3	4.7	4.2	2.4	5.0	3.6	2.0	1.0	3.0	1.1
veterinarian	0.5	0.4	0.5	0.8	0.6	0.4	0.6	0.5	0.6	0.5	0.5	1.0	0.2	0.4	1.0
writer or journalist	1.6	0.9	1.8	2.3	1.1	0.9	1.0	1.5	2.4	2.0	2.2	2.0	3.1	0.9	1.6
skilled trades	2.5	6.2	0.8	0.4	0.7	6.6	2.0	0.7	1.3	0.6	0.3	0.4	0.2	0.8	0.4
other career	7.6	9.5	7.6	5.3	5.7	9.3	11.2	7.1	9.5	7.5	6.9	5.5	4.7	6.5	4.3
undecided	10.0	8.4	10.9	10.6	5.8	8.2	10.2	10.2	11.9	11.8	11.8	10.3	11.2	6.8	4.1
Twin Status															
no	98.4	98.6	98.3	98.5	97.4	98.7	98.3	98.4	98.2	97.7	98.5	98.5	98.5	97.2	97.8
yes - identical	0.7	0.7	0.7	0.6	0.9	0.7	0.7	0.6	0.7	1.0	0.5	0.6	0.6	0.9	0.9
yes - fraternal	0.9	0.6	1.1	0.9	1.7	0.6	1.0	1.0	1.1	1.2	1.0	0.9	0.9	1.9	1.4

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Arts and Humanities															
art, fine and applied	1.7	1.7	2.0	1.3	1.2	1.5	3.6	1.7	3.8	1.3	1.2	1.4	0.9	1.3	1.0
English (language & literature)	0.9	0.3	1.2	1.4	0.1	0.3	0.4	0.6	2.3	1.6	1.4	1.1	2.0	0.1	0.1
history	1.1	0.4	1.7	1.3	0.5	0.3	0.7	1.5	2.0	1.8	2.0	1.0	2.0	0.6	0.4
journalism	1.0	0.6	0.9	1.4	0.9	0.6	0.6	0.9	1.0	1.0	1.2	1.3	1.6	0.7	1.2
language or literature	0.2	0.1	0.3	0.4	0.1	0.0	0.1	0.2	0.4	0.3	0.3	0.3	0.4	0.1	0.0
music	1.1	0.9	1.3	1.0	0.5	0.8	2.1	1.3	0.8	2.1	0.8	1.0	1.2	0.2	1.1
philosophy	0.3	0.2	0.3	0.3	0.0	0.2	0.1	0.1	0.6	0.4	0.7	0.3	0.6	0.0	0.1
speech	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1
theater or drama	0.5	0.3	0.7	0.6	0.1	0.3	0.5	0.7	0.7	0.6	0.6	0.6	0.8	0.0	0.4
theology or religion	0.2	0.1	0.5	0.1	0.1	0.1	0.5	0.1	0.6	2.0	0.3	0.0	0.2	0.1	0.1
other arts and humanities	0.5	0.5	0.3	0.6	0.2	0.5	0.7	0.2	0.5	0.3	0.4	0.6	0.6	0.2	0.2
Biological Sciences															
biology (general)	1.8	1.0	2.2	2.3	1.9	1.0	0.5	1.7	2.3	3.4	3.2	2.0	3.1	1.1	3.6
biochemistry or biophysics	0.5	0.2	0.5	0.9	0.1	0.2	0.1	0.3	0.6	0.6	0.7	0.8	1.1	0.0	0.4
botany	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
marine (life) science	0.5	0.3	0.7	0.6	0.0	0.3	0.3	0.8	0.5	0.7	0.6	0.7	0.2	0.0	0.1
microbiology or bacteriology	0.2	0.2	0.1	0.3	0.1	0.2	0.1	0.0	0.1	0.1	0.2	0.3	0.2	0.0	0.4
zoology	0.2	0.1	0.3	0.4	0.6	0.1	0.3	0.2	0.2	0.4	0.2	0.5	0.1	0.7	0.3
other biological sciences	0.5	0.4	0.5	0.7	0.3	0.4	0.8	0.5	0.6	0.5	0.4	0.7	0.5	0.3	0.4
Business															
accounting	5.6	5.2	6.7	4.5	8.8	5.4	3.1	7.5	4.7	5.7	8.6	4.7	3.7	9.8	6.9
business administration	7.4	7.0	8.0	7.0	9.6	6.4	12.5	7.7	6.9	9.6	10.9	6.6	8.1	10.8	7.5
finance	2.8	1.6	3.1	3.9	3.0	1.7	1.1	3.3	2.7	2.2	4.5	3.6	4.7	3.3	2.6
marketing	3.2	2.6	3.8	2.9	4.5	2.5	3.6	4.1	3.1	3.3	5.1	3.0	2.7	5.1	3.3
management	5.4	5.4	6.2	4.0	7.7	5.0	8.6	6.4	5.9	5.5	8.0	4.2	3.7	8.9	5.6
secretarial studies	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business	1.5	1.5	1.6	1.6	2.0	1.3	2.9	1.6	1.4	1.4	2.1	1.4	2.0	2.4	1.1
Education															
business education	0.2	0.3	0.3	0.1	0.9	0.3	0.8	0.3	0.2	0.3	0.3	0.1	0.1	1.4	0.1
elementary education	0.5	0.6	0.7	0.2	1.3	0.5	0.8	0.7	0.4	1.0	0.7	0.2	0.0	1.6	0.7
music or art education	0.2	0.2	0.3	0.2	0.4	0.1	0.4	0.3	0.1	0.6	0.1	0.3	0.1	0.5	0.2
physical education or recreation	1.5	2.0	1.7	0.5	1.8	1.6	5.6	1.6	1.0	3.0	1.4	0.6	0.2	2.4	0.6
secondary education	1.4	1.3	2.0	0.8	0.9	1.2	1.7	2.2	1.1	2.2	2.4	1.0	0.3	1.3	0.3
special education	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
other education	0.1	0.2	0.1	0.1	0.1	0.2	0.5	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1
Engineering															
aeronautical/astronautical eng.	2.9	2.3	3.1	3.4	1.9	2.2	2.6	2.8	6.4	0.8	0.6	3.8	2.2	0.5	4.5
civil engineering	2.0	2.4	1.6	2.3	1.5	2.5	0.9	2.2	0.6	0.8	0.6	2.5	1.6	1.6	1.4
chemical engineering	0.9	0.6	0.6	1.8	0.6	0.7	0.3	0.7	0.5	0.4	0.3	1.9	1.4	0.1	1.6
electrical engineering	5.9	7.6	4.2	6.4	6.3	8.2	1.6	5.3	3.7	1.8	1.6	6.5	6.1	6.1	6.5
industrial engineering	0.5	0.6	0.4	0.5	0.4	0.7	0.4	0.4	0.3	0.3	0.1	0.6	0.4	0.4	0.4
mechanical engineering	4.0	4.5	3.0	4.8	2.7	4.8	1.2	3.7	2.9	1.2	1.2	5.0	3.9	2.1	3.7
other engineering	2.6	3.7	1.3	3.2	1.3	4.0	0.7	1.5	1.4	0.8	0.3	3.2	3.2	1.3	1.3

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Physical Sciences															
astronomy	0.2	0.1	0.1	0.3	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.2	0.0	0.1
atmospheric science	0.2	0.3	0.1	0.2	0.0	0.3	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0
chemistry	0.7	0.4	0.9	0.9	0.4	0.4	0.3	0.8	0.8	1.2	1.0	0.8	1.1	0.1	0.9
earth science	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.1	0.0	0.0
marine science	0.2	0.1	0.3	0.2	0.1	0.1	0.2	0.4	0.1	0.2	0.2	0.2	0.0	0.1	0.0
mathematics	0.7	0.4	0.8	0.9	0.1	0.4	0.1	0.7	1.0	1.2	1.0	0.8	1.1	0.0	0.4
physics	0.7	0.2	0.9	1.1	0.2	0.2	0.2	0.8	1.2	1.1	0.6	0.9	1.8	0.1	0.2
statistics	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0
other physical sciences	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.2	0.0
Professional															
architecture or urban planning	2.2	3.0	1.0	2.8	1.1	3.2	1.3	1.2	0.8	0.8	0.4	3.3	1.3	0.8	1.6
home economics	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
health technology (med,dent,lab)	0.6	0.6	0.6	0.7	0.8	0.5	1.0	0.5	0.4	0.9	0.5	0.7	0.6	1.0	0.4
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.3	0.5	0.2	0.1	0.4	0.5	0.2	0.3	0.1	0.2	0.2	0.2	0.1	0.5	0.2
pharmacy	0.7	0.7	0.4	1.2	0.8	0.7	0.4	0.5	0.2	0.6	0.3	1.5	0.4	0.4	1.6
predent, premed, prevet	2.8	1.2	2.7	4.9	2.3	1.2	1.3	2.2	2.7	4.5	3.3	4.3	6.4	1.1	4.5
therapy (occup,phys,speech)	1.0	0.9	1.2	0.9	0.3	0.8	2.2	1.4	0.6	1.5	1.5	1.0	0.6	0.0	0.8
other professional	1.1	0.9	1.2	1.0	0.6	0.8	1.9	0.9	1.8	1.4	1.5	1.0	1.0	0.4	1.0
Social Sciences															
anthropology	0.1	0.1	0.2	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.0	0.0
economics	0.7	0.2	0.8	1.1	0.2	0.2	0.0	0.5	1.6	0.8	0.7	0.8	1.8	0.2	0.2
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
political science	3.1	1.2	3.8	4.5	3.8	1.3	0.8	2.9	5.1	4.7	4.9	3.3	8.0	3.0	5.3
psychology	1.7	1.1	2.3	1.7	2.5	1.0	1.7	2.0	2.0	3.4	2.7	1.7	1.8	2.1	3.3
social work	0.2	0.2	0.1	0.1	0.4	0.2	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.5	0.1
sociology	0.2	0.1	0.3	0.3	1.0	0.0	0.4	0.3	0.3	0.4	0.4	0.3	0.3	0.8	1.3
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.2	0.3	0.1	0.1	0.0	0.3	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.0	0.0
Technical															
building trades	0.9	2.5	0.1	0.0	0.1	2.8	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0
data processing	1.2	1.7	1.2	0.7	2.0	1.7	1.4	1.3	1.0	1.2	0.9	0.7	0.6	2.4	1.1
drafting or design	0.9	2.1	0.3	0.1	0.7	2.3	0.5	0.3	0.3	0.2	0.1	0.2	0.0	0.9	0.3
electronics	0.8	2.0	0.3	0.1	0.7	2.1	0.4	0.4	0.2	0.2	0.0	0.1	0.1	1.0	0.3
mechanics	1.1	2.9	0.3	0.0	0.0	3.2	0.1	0.4	0.5	0.1	0.0	0.0	0.0	0.0	0.1
other technical	0.8	2.2	0.3	0.0	0.2	2.3	0.9	0.2	0.6	0.3	0.0	0.0	0.0	0.1	0.2
Other Fields															
agriculture	1.3	1.8	0.7	1.5	2.0	1.9	0.8	1.0	0.3	0.5	0.0	2.0	0.0	2.9	0.4
communications	2.4	2.1	3.1	1.9	4.4	2.1	2.4	3.1	2.6	3.5	3.0	1.6	2.9	4.1	5.0
computer science	2.3	2.0	2.8	1.8	5.0	2.1	1.6	3.2	2.3	2.3	1.9	1.9	1.6	5.0	4.9
forestry	0.7	1.2	0.3	0.5	0.2	1.2	1.2	0.4	0.3	0.2	0.1	0.6	0.1	0.3	0.2
law enforcement	2.1	3.6	1.7	0.8	1.8	3.6	3.6	1.7	1.3	1.5	3.0	0.9	0.4	1.8	1.6
military science	0.2	0.1	0.2	0.1	0.4	0.1	0.4	0.2	0.4	0.2	0.1	0.2	0.1	0.4	0.4
other field	1.4	2.0	1.4	0.7	0.9	1.7	5.0	0.8	3.0	1.2	0.8	0.8	0.4	1.0	0.8
undecided	5.7	4.1	6.6	6.5	3.5	3.7	7.4	6.8	6.3	6.4	6.1	6.4	6.6	3.1	4.2

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less	2.8	3.9	2.3	2.1	4.1	3.9	3.8	2.1	2.1	2.3	3.8	2.2	1.7	4.5	3.4
some high school	6.8	10.3	5.9	3.7	12.2	10.5	7.8	6.4	4.8	6.1	4.7	4.1	2.4	13.3	10.3
high school graduate	26.4	35.5	24.8	17.1	30.8	36.3	27.4	27.8	19.5	22.6	21.9	19.4	10.0	32.5	27.7
postsecondary other than college	5.0	5.6	5.0	4.3	4.9	5.6	4.8	5.6	4.2	4.2	4.5	4.7	2.9	4.7	5.3
some college	14.4	13.5	15.7	13.7	17.4	13.3	15.5	16.8	13.7	14.8	14.3	14.4	11.7	17.5	17.3
college degree	22.8	19.1	23.3	26.8	17.6	18.8	21.4	23.2	23.3	22.9	24.9	26.9	26.7	16.4	19.8
some graduate school	2.7	1.7	2.9	3.7	1.5	1.6	2.5	2.2	3.8	3.7	3.3	3.5	4.5	1.4	1.7
graduate degree	19.1	10.4	20.1	28.5	11.5	9.8	16.7	15.8	28.6	23.3	22.6	24.8	40.2	9.8	14.5
Father's Occupation (5)															
artist (including performer)	0.9	0.9	0.8	0.9	0.5	0.9	0.9	0.6	1.1	0.7	1.0	0.9	1.0	0.3	0.8
businessman	31.3	27.6	31.9	35.1	19.0	26.6	36.8	30.0	35.2	31.2	38.8	33.5	40.1	19.2	18.6
clergy or religious worker	1.0	0.7	1.5	0.8	1.2	0.5	2.4	0.8	1.6	4.2	0.4	0.7	1.1	1.1	1.4
college teacher or administrator	0.9	0.4	1.0	1.4	0.6	0.4	0.5	0.6	1.6	1.3	1.0	1.2	1.9	0.4	0.9
doctor or dentist	2.4	0.7	2.5	4.4	1.0	0.6	1.6	1.4	4.3	3.7	4.2	3.1	8.4	0.8	1.3
education (secondary)	3.9	2.6	4.5	4.4	4.0	2.6	2.8	4.5	4.3	4.9	4.5	4.6	3.9	3.5	4.7
education (elementary)	1.0	0.9	1.1	1.0	1.6	0.9	0.8	1.1	1.0	1.3	1.1	1.1	0.8	1.8	1.3
engineer	8.2	8.0	7.5	9.4	4.6	8.2	6.0	8.4	6.8	5.8	6.4	9.7	8.5	4.1	5.5
farmer or forester	2.7	2.5	2.3	3.4	0.4	2.4	3.6	2.6	1.4	3.1	1.0	4.2	1.0	0.5	0.3
health professional (non-M.D.)	1.4	1.2	1.5	1.6	1.9	1.3	0.9	1.6	1.3	1.6	1.1	1.7	1.5	1.6	2.4
lawyer	1.8	0.5	1.9	3.2	0.9	0.4	1.3	1.0	3.5	2.4	2.9	2.4	5.6	0.7	1.3
military (career)	1.9	1.3	2.5	1.7	4.3	1.2	2.6	2.9	1.8	2.1	1.2	1.8	1.3	4.2	4.5
research scientist	0.6	0.4	0.5	1.0	0.0	0.4	0.2	0.4	0.8	0.5	0.6	0.9	1.1	0.0	0.1
skilled worker	11.3	15.3	10.4	7.8	11.9	15.9	9.1	11.8	8.3	8.8	8.2	8.7	4.9	12.4	11.0
semi-skilled worker	5.0	7.4	4.2	3.1	5.8	7.7	3.8	4.6	3.3	4.0	3.1	3.5	2.0	5.6	6.0
laborer (unskilled)	2.9	4.0	2.8	1.7	5.1	4.2	1.4	3.2	1.9	2.4	2.4	1.9	1.0	5.4	4.7
unemployed	1.9	2.5	1.8	1.5	4.8	2.5	2.0	1.8	1.8	2.1	1.3	1.5	1.2	5.1	4.4
other	20.9	23.1	21.4	17.6	32.4	23.1	23.1	22.4	19.9	19.9	21.0	18.5	14.7	33.3	30.7
Father's Religious Preference															
Baptist	14.1	12.9	18.6	9.2	58.4	11.6	25.8	21.7	11.6	23.5	3.4	9.2	9.1	60.6	54.7
Buddhist	0.5	0.4	0.4	0.9	0.3	0.4	0.6	0.3	0.7	0.2	0.3	0.7	1.3	0.4	0.1
Congregational	1.2	0.7	1.3	1.6	0.1	0.7	0.8	1.1	1.9	1.4	0.5	1.8	0.9	0.0	0.3
Eastern Orthodox	0.8	1.0	0.6	0.8	0.0	1.1	0.7	0.5	0.9	0.5	0.9	0.8	0.8	0.0	0.1
Episcopal	2.5	1.7	2.9	3.0	1.7	1.6	2.7	2.3	4.0	3.8	1.6	2.8	3.7	1.4	2.1
Islamic	0.6	0.8	0.5	0.5	1.9	0.8	0.5	0.4	0.7	0.4	0.3	0.4	0.7	1.8	2.0
Jewish	3.5	2.4	2.2	6.5	0.2	2.4	2.4	1.7	5.1	0.9	0.6	5.7	9.1	0.3	0.1
LDS (Mormon)	0.3	0.2	0.3	0.4	0.0	0.2	0.1	0.4	0.3	0.3	0.1	0.4	0.4	0.0	0.0
Lutheran	7.0	6.6	6.6	8.2	0.4	6.5	7.1	7.3	4.5	8.1	4.1	9.4	4.7	0.3	0.6
Methodist	10.0	11.1	10.2	8.6	10.2	10.9	13.0	11.5	7.1	12.9	3.2	9.2	6.7	8.5	13.1
Presbyterian	5.4	4.9	5.6	5.8	2.1	4.8	5.7	5.2	6.1	7.9	2.0	5.8	5.5	2.3	1.6
Quaker	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.2	0.4	0.4	0.3	0.2	0.2	0.0	0.5
Roman Catholic	35.0	39.1	31.2	35.3	9.4	40.9	22.7	29.9	32.2	15.7	72.7	34.1	38.9	7.8	12.2
Seventh Day Adventist	0.4	0.3	0.5	0.2	0.9	0.4	0.1	0.3	0.3	1.7	0.4	0.2	0.1	1.0	0.8
other Protestant	5.8	6.0	6.5	4.5	1.9	6.1	5.2	5.4	8.8	9.1	2.9	4.6	4.2	2.3	1.4
other religion	3.8	3.6	4.2	3.4	5.4	3.3	6.4	3.8	4.3	6.3	2.0	3.4	3.3	6.6	3.4
none	8.9	8.0	8.2	10.9	6.8	8.2	6.0	7.9	11.1	7.0	4.6	11.1	10.3	6.7	7.0

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less	2.3	3.2	1.7	1.8	2.5	3.2	3.1	1.6	1.8	1.4	3.2	1.9	1.5	3.0	1.5
some high school	4.9	7.1	4.4	2.9	8.3	7.3	5.6	4.7	3.4	4.6	3.7	3.2	2.2	9.1	6.8
high school graduate	34.6	44.4	32.8	25.0	28.7	45.5	33.4	36.4	26.4	28.5	30.9	27.6	16.7	31.3	24.0
postsecondary other than college	7.7	8.0	7.7	7.3	8.2	8.0	7.0	8.3	7.1	6.5	8.1	7.7	6.0	8.6	7.4
some college	16.4	13.6	18.1	17.8	17.7	13.2	17.4	18.6	17.1	18.1	16.9	17.8	17.6	16.7	19.6
college degree	20.9	16.1	21.2	26.6	19.1	15.7	20.7	18.7	24.9	24.9	22.8	25.4	30.6	16.7	23.5
some graduate school	3.0	1.6	3.2	4.4	1.9	1.5	2.2	2.6	4.3	3.8	3.4	3.9	6.0	1.4	2.9
graduate degree	10.1	6.1	11.0	14.2	13.5	5.6	10.6	9.1	14.9	12.3	11.0	12.5	19.4	13.2	14.2
Mother's Career (5)															
artist (including performer)	1.5	1.1	1.6	2.0	0.8	0.9	3.2	1.3	2.5	1.8	1.4	1.7	2.8	0.7	0.9
businesswoman	14.5	13.8	14.7	15.1	14.0	13.3	18.0	14.5	15.8	14.2	13.5	14.9	15.7	13.7	14.6
business (clerical)	10.7	11.9	10.4	9.8	8.7	12.2	8.7	11.4	9.4	8.5	9.8	10.3	8.1	8.9	8.4
clergy or religious worker	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.6	0.1	0.1	0.3	0.1	0.3
college teacher or administrator	0.4	0.2	0.5	0.7	0.5	0.2	0.5	0.3	0.9	0.7	0.4	0.5	1.1	0.4	0.8
doctor or dentist	0.5	0.5	0.4	0.7	0.4	0.5	0.4	0.4	0.6	0.5	0.5	0.5	1.1	0.4	0.3
education (secondary)	4.3	2.6	4.8	5.5	7.5	2.5	3.9	4.6	5.2	5.6	3.9	5.2	6.3	7.1	8.2
education (elementary)	7.1	4.9	7.9	8.7	8.8	4.6	7.3	7.4	8.3	9.5	7.4	8.7	8.7	8.4	9.4
engineer	0.3	0.3	0.2	0.3	0.4	0.3	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.6
farmer or forester	0.4	0.5	0.4	0.5	0.2	0.5	0.3	0.3	0.4	0.6	0.2	0.6	0.2	0.1	0.3
health professional (non-M.D.)	2.1	2.1	2.0	2.2	2.3	2.1	2.0	1.9	2.0	2.1	2.0	2.2	2.3	2.5	2.1
homemaker (full-time)	15.5	15.4	14.9	16.6	4.5	15.7	12.8	13.9	15.6	15.5	20.1	15.8	19.0	5.0	3.7
lawyer	0.3	0.1	0.3	0.5	0.5	0.1	0.4	0.2	0.6	0.3	0.3	0.4	0.8	0.4	0.7
nurse	8.1	8.5	8.2	7.5	10.6	8.5	8.1	8.5	7.6	7.4	9.1	7.7	7.0	11.3	9.4
research scientist	0.1	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.2	0.1	0.2	0.2	0.5	0.2	0.1
social,welfare,recreation worker	1.4	1.2	1.6	1.6	3.4	1.2	1.4	1.5	1.8	1.7	1.3	1.6	1.6	3.0	4.2
skilled worker	2.7	3.3	2.5	2.1	2.6	3.4	2.1	2.7	2.0	2.6	2.2	2.3	1.5	2.3	3.2
semi-skilled worker	3.4	4.5	3.0	2.5	3.3	4.6	3.6	3.5	2.3	2.3	2.0	2.8	1.8	3.7	2.6
laborer (unskilled)	1.9	2.6	1.6	1.3	2.2	2.7	1.7	1.8	1.3	1.5	1.3	1.5	0.7	2.3	2.2
unemployed	6.2	7.1	5.8	5.6	6.0	7.2	5.6	5.7	5.7	6.0	5.8	5.6	5.8	5.9	6.2
other	18.3	19.3	18.8	16.5	22.8	19.3	19.4	19.5	17.4	18.2	18.3	17.1	14.7	23.3	21.9
Mother's Religious Preference															
Baptist	14.6	13.5	19.2	9.5	58.0	12.2	25.6	22.5	12.0	23.9	3.6	9.5	9.3	61.2	52.7
Buddhist	0.5	0.4	0.4	0.9	0.2	0.4	0.3	0.3	0.8	0.3	0.3	0.8	1.3	0.3	0.0
Congregational	1.3	0.8	1.3	1.7	0.2	0.8	1.0	1.1	2.1	1.4	0.4	2.0	1.1	0.0	0.5
Eastern Orthodox	0.7	0.9	0.5	0.8	0.0	0.9	0.5	0.4	0.8	0.4	0.9	0.8	0.7	0.0	0.1
Episcopal	2.9	2.1	3.3	3.4	2.0	2.0	2.7	2.7	4.6	4.1	1.7	3.2	4.1	1.7	2.6
Islamic	0.5	0.6	0.4	0.4	0.9	0.7	0.3	0.3	0.6	0.2	0.4	0.4	0.6	1.1	0.4
Jewish	3.3	2.3	2.0	6.2	0.1	2.3	2.4	1.6	4.5	0.7	0.5	5.4	8.6	0.0	0.2
LDS (Mormon)	0.3	0.2	0.4	0.5	0.1	0.2	0.1	0.4	0.3	0.2	0.1	0.5	0.4	0.0	0.2
Lutheran	7.1	6.8	6.5	8.2	0.7	6.7	7.5	7.2	4.5	8.2	3.8	9.3	4.9	0.5	1.0
Methodist	10.4	11.4	10.8	8.9	11.4	11.1	13.4	12.3	7.2	13.4	3.6	9.5	7.0	10.0	13.6
Presbyterian	5.7	5.3	5.7	6.3	2.0	5.2	6.3	5.1	6.6	8.2	2.5	6.3	6.0	1.7	2.5
Quaker	0.3	0.3	0.3	0.3	0.1	0.3	0.1	0.2	0.5	0.4	0.3	0.3	0.2	0.0	0.4
Roman Catholic	36.1	40.2	32.3	36.8	10.6	41.9	24.1	30.8	34.0	16.3	74.0	35.5	40.6	8.6	13.9
Seventh Day Adventist	0.4	0.4	0.5	0.2	1.1	0.4	0.2	0.3	0.3	1.8	0.4	0.2	0.2	1.3	0.7
other Protestant	5.8	5.8	6.6	4.8	2.0	5.8	5.1	5.4	9.0	9.6	3.0	4.9	4.6	2.1	1.8
other religion	4.2	4.0	4.6	3.7	7.2	3.8	6.6	4.3	4.7	6.9	1.9	3.8	3.5	8.1	5.8
none	5.8	5.3	5.1	7.4	3.5	5.5	3.9	4.8	7.5	4.0	2.7	7.5	7.0	3.4	3.7

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Deciding to Go to College															
parents wanted me to go	32.4	34.7	33.1	28.3	55.1	34.2	39.3	33.0	31.9	34.8	33.5	28.5	27.7	56.5	52.6
could not find a job	6.3	8.3	5.9	4.6	11.3	8.4	7.3	6.2	5.0	6.2	5.3	5.0	3.4	11.1	11.7
wanted to get away from home	14.5	10.3	16.6	17.0	28.7	9.5	17.5	15.7	17.6	18.4	16.5	16.9	17.3	27.7	30.7
get a better job	75.4	79.1	73.7	73.0	83.0	79.7	73.0	75.6	70.0	73.0	71.5	74.8	67.4	83.2	82.5
gain general education	55.0	51.7	55.5	58.3	71.7	51.1	57.8	52.6	60.3	58.6	59.3	56.5	64.2	71.2	72.6
improve reading and study skills	35.8	36.3	37.1	33.4	63.0	35.2	46.6	35.9	36.3	40.3	41.5	32.9	34.8	64.1	61.1
nothing better to do	3.0	2.8	3.2	3.0	5.9	2.8	2.9	3.1	3.3	3.7	2.6	3.0	3.2	4.9	7.7
become a more cultured person	29.5	24.0	31.8	33.2	53.2	23.3	30.9	29.1	35.1	35.9	35.3	30.9	40.3	52.3	54.9
make more money	75.6	79.2	74.0	73.4	87.7	79.7	75.0	77.1	68.9	70.1	72.8	75.4	67.2	88.3	86.6
learn more about things	67.9	66.4	67.1	70.9	76.7	66.3	67.8	65.2	72.5	67.8	65.5	69.7	74.4	76.1	77.9
prepare for graduate school	47.3	42.7	47.5	53.0	66.8	41.6	53.2	45.1	48.6	53.2	52.0	50.2	61.6	64.9	70.5
Reasons Noted as Very Important in Selecting This College															
relatives wanted me to come	7.6	8.2	8.0	6.3	16.6	8.0	9.9	8.0	7.3	9.4	7.0	6.2	6.7	15.6	18.4
advice of teacher	3.9	5.0	3.9	2.7	7.6	4.9	5.4	3.4	4.9	4.2	4.4	2.5	3.4	7.3	8.1
good academic reputation	50.4	43.5	49.3	60.9	43.8	44.3	36.3	42.8	62.2	53.1	55.3	56.0	76.0	33.6	62.3
good social reputation	22.5	18.4	21.1	29.8	31.3	18.3	19.5	18.7	22.7	25.4	27.2	30.8	26.5	29.2	35.1
offered financial assistance	20.7	15.3	27.2	18.0	34.5	14.1	26.4	23.1	27.9	38.9	31.7	14.5	28.8	32.8	37.6
offers special programs	17.1	18.0	17.9	14.8	29.0	17.6	22.1	15.8	23.1	19.0	17.6	14.2	16.5	24.3	37.4
low tuition	20.3	23.0	19.5	18.2	23.8	24.5	8.5	29.0	7.3	6.2	6.7	23.1	2.8	27.8	16.5
advice of guidance counselor	6.8	8.4	6.6	5.0	9.9	8.2	10.8	6.2	7.8	5.9	8.4	4.9	5.3	10.1	9.4
wanted to live near home	14.8	18.9	14.4	10.2	13.9	19.6	12.1	17.1	9.3	10.8	15.6	11.5	6.2	15.4	11.3
friend suggested attending	7.8	8.4	8.3	6.2	13.9	8.1	11.3	8.1	7.9	9.9	8.4	6.3	5.9	14.5	12.7
recruited by college rep	4.2	3.6	5.9	2.6	11.1	3.0	8.8	4.3	6.0	11.1	7.4	2.3	3.6	10.0	12.9
recruited by athletic department	7.1	4.8	10.8	4.4	11.9	3.6	16.2	8.6	10.0	18.5	12.8	3.9	6.1	12.4	10.8
graduates go to top grad schools	22.6	19.4	22.2	27.2	24.5	18.7	25.8	17.8	28.6	27.8	26.2	22.6	41.4	17.6	37.1
graduates get good jobs	43.3	41.8	42.4	46.4	46.2	42.8	32.7	39.2	50.3	41.8	46.5	42.9	57.2	40.1	57.2
not offered aid by first choice	5.1	4.5	5.7	5.1	10.3	4.3	5.5	5.7	4.7	6.6	6.2	5.5	3.9	9.6	11.6
religious affiliation of college	3.6	2.2	5.7	2.4	6.8	1.4	9.1	1.8	7.4	16.0	9.6	0.9	6.9	6.5	7.4
size of college	25.6	18.5	34.1	22.0	31.0	16.8	34.5	27.8	38.2	46.0	46.1	18.2	33.9	28.9	34.7
Residence Preferred During Fall Term															
with parents or relatives	14.3	25.2	11.5	6.8	11.7	26.5	13.2	13.1	9.0	8.5	13.6	7.4	4.8	12.6	10.1
other private home,apt,room	34.4	37.5	33.9	31.9	46.5	37.5	37.8	38.0	28.1	30.7	26.3	35.3	21.8	47.7	44.4
college dormitory	34.9	22.2	37.5	44.4	25.9	21.3	29.8	31.8	45.9	43.5	43.8	40.3	56.9	24.0	29.1
fraternity or sorority house	7.8	6.3	7.6	9.7	5.3	6.0	9.4	7.4	7.4	8.9	6.0	9.9	9.0	5.0	5.8
other campus housing	6.0	5.7	6.8	5.4	7.8	5.6	6.3	6.7	7.3	6.0	8.2	5.2	6.2	7.8	7.9
other	2.6	3.2	2.7	1.8	2.9	3.1	3.6	3.0	2.2	2.3	2.2	1.9	1.5	3.0	2.6
Residence Planned During Fall Term															
with parents or relatives	28.1	51.5	19.2	11.8	14.5	55.0	15.4	25.0	9.8	9.8	20.8	13.8	5.8	13.0	17.4
other private home,apt,room	8.1	15.7	4.1	4.3	5.6	16.9	3.6	5.0	4.1	2.0	2.3	5.3	1.3	6.2	4.4
college dormitory	59.3	26.5	73.1	80.1	77.3	21.5	77.1	66.0	82.3	86.1	75.1	77.4	88.5	78.7	74.6
fraternity or sorority house	0.8	0.5	0.7	1.2	0.7	0.5	0.7	0.8	0.8	0.7	0.2	1.3	0.8	0.3	1.3
other campus housing	3.1	4.7	2.3	2.3	1.5	5.0	2.3	2.5	2.7	1.2	1.2	2.0	3.5	1.1	2.2
other	0.6	1.0	0.5	0.3	0.5	1.0	0.9	0.7	0.3	0.3	0.5	0.3	0.2	0.7	0.1

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WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family	80.4	75.1	81.0	86.6	70.6	74.2	84.0	77.5	86.7	84.0	85.5	85.2	90.7	67.8	76.1
spouse	1.0	1.5	0.9	0.5	2.1	1.4	2.0	0.8	1.0	1.2	0.9	0.5	0.5	1.8	2.6
savings from summer work	56.3	52.7	54.3	63.9	33.4	53.4	46.3	52.0	58.5	54.5	59.7	64.7	61.2	31.8	36.4
other savings	28.7	26.1	27.3	34.2	18.1	26.4	22.4	25.9	30.2	27.4	29.8	34.1	34.4	16.4	21.4
part-time job on campus	18.4	13.0	20.7	22.0	18.0	12.1	22.3	15.0	28.3	28.5	27.0	19.8	28.8	13.7	26.5
other part-time job while at col	22.8	29.6	19.4	18.6	15.4	31.1	15.7	22.1	15.7	14.9	19.2	20.8	11.9	13.8	18.7
full-time job while at college	2.2	2.9	2.2	1.2	3.8	2.9	2.3	2.5	1.9	1.4	1.5	1.4	0.7	3.5	4.2
Pell Grant	19.9	23.2	20.4	15.0	35.6	23.0	24.7	18.0	20.6	28.1	21.6	15.0	15.1	33.0	40.7
Supp Educational Oppty Grant	5.8	5.3	6.3	5.7	10.1	5.1	7.0	4.6	7.4	10.2	8.6	4.8	8.6	7.4	15.4
state scholarship or grant	14.3	12.4	16.1	14.0	12.1	11.9	17.8	13.4	16.0	23.8	20.6	13.9	14.5	11.0	14.4
College Work-Study Grant	8.7	6.2	10.3	9.5	11.9	5.6	12.2	5.4	14.6	19.5	17.6	7.0	17.3	7.0	21.3
other college grant	18.7	9.7	24.9	21.6	15.9	8.1	25.3	17.6	29.0	41.9	33.6	16.8	36.6	12.2	23.0
other private grant	8.9	6.6	9.6	11.0	6.8	6.3	9.7	6.8	12.3	16.0	10.7	9.5	15.6	5.1	10.1
other govt aid (ROTC,BIA,GI,etc)	3.7	3.1	4.5	3.2	5.6	3.0	4.6	5.6	3.9	2.3	2.3	3.1	3.5	5.5	5.8
Federal Guaranteed Student Loan	22.5	25.0	22.3	19.6	27.2	25.0	24.5	16.6	28.9	30.9	30.2	17.6	25.8	23.5	34.4
National Direct Student Loan	2.6	2.4	2.8	2.5	5.0	2.2	4.3	2.0	3.7	4.1	3.6	2.2	3.7	4.6	5.9
other college loan	7.8	6.9	8.0	8.7	6.7	6.6	9.6	5.4	11.7	11.4	11.0	7.3	13.2	5.8	8.6
other loan	6.2	6.6	6.0	5.9	6.9	6.3	8.6	4.8	7.6	8.1	6.4	5.7	6.8	6.6	7.3
other	3.0	2.3	3.8	2.5	1.9	2.3	3.0	4.4	2.7	3.1	2.8	2.4	2.9	1.4	2.7
Received $1,500 or More From															
parents or family	54.5	42.0	55.9	68.8	37.7	40.0	60.6	47.9	69.9	61.2	69.3	65.3	80.1	35.3	42.2
spouse	0.3	0.4	0.3	0.2	0.6	0.4	0.8	0.2	0.4	0.3	0.4	0.2	0.2	0.5	0.8
savings from summer work	8.9	6.5	8.5	12.8	2.0	6.4	7.1	7.0	11.4	8.3	12.6	12.8	12.8	2.0	1.9
other savings	6.0	4.5	5.6	8.5	2.0	4.5	4.7	4.5	8.0	6.1	6.9	8.0	10.0	1.8	2.4
part-time job on campus	0.9	0.3	0.8	1.9	1.2	0.2	1.1	0.4	1.5	1.0	1.9	1.1	4.3	0.7	2.1
other part-time job while at col	1.4	1.6	1.2	1.3	1.0	1.7	1.1	1.2	1.3	1.0	1.4	1.4	1.3	1.0	1.1
full-time job while at college	0.6	0.7	0.7	0.4	0.7	0.7	0.4	0.7	0.9	0.3	0.5	0.4	0.2	0.6	0.8
Pell Grant	5.5	4.8	6.4	5.2	13.1	4.4	8.5	4.8	7.3	10.4	7.6	4.8	6.5	10.8	17.4
Supp Educational Oppty Grant	1.1	0.5	1.4	1.3	1.9	0.4	1.9	0.6	2.0	2.6	2.7	0.8	3.0	1.0	3.7
state scholarship or grant	3.5	1.9	4.7	3.6	3.7	1.6	5.3	3.3	5.1	8.4	7.6	2.8	6.2	3.5	4.1
College Work-Study Grant	0.9	0.2	1.0	1.8	1.7	0.2	1.0	0.4	1.7	1.7	2.0	1.0	4.3	0.7	3.8
other college grant	8.7	2.0	12.8	11.4	7.1	1.3	8.8	5.7	19.9	25.7	21.4	6.1	28.0	4.3	12.6
other private grant	2.3	1.2	2.4	3.3	1.5	1.1	2.7	1.3	3.9	4.3	3.4	2.3	6.6	0.7	3.0
other govt aid (ROTC,BIA,GI,etc)	2.4	1.5	3.2	2.3	3.0	1.4	2.7	4.2	2.9	1.0	1.3	2.0	3.2	2.7	3.5
Federal Guaranteed Student Loan	13.0	13.5	13.4	11.7	16.2	13.6	12.6	8.4	20.3	19.5	20.6	9.4	19.0	13.1	22.1
National Direct Student Loan	1.0	0.7	1.1	1.0	2.4	0.6	1.7	0.7	1.7	1.6	1.7	0.8	1.9	2.4	2.5
other college loan	3.7	2.8	3.9	4.7	3.3	2.7	4.0	2.3	6.8	5.2	5.7	3.4	8.5	2.8	4.3
other loan	3.2	3.0	3.3	3.4	3.5	2.9	4.4	2.3	5.1	4.5	4.1	3.0	4.7	3.2	4.1
other	1.6	0.9	2.4	1.2	0.8	0.8	1.4	3.1	1.5	1.6	1.6	1.0	1.8	0.4	1.7
Concern about Financing College															
no concern	39.9	39.9	40.6	38.8	32.3	39.1	47.4	42.7	38.6	37.4	37.0	38.6	39.3	32.9	31.2
some concern	49.3	50.2	48.0	50.1	50.2	51.0	42.6	46.7	48.9	50.3	50.8	50.4	49.3	50.1	50.3
major concern	10.8	9.9	11.4	11.1	17.5	9.9	10.0	10.6	12.5	12.3	12.3	11.0	11.3	17.0	18.5

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Students Estimate Chances Are Very Good That They Will															
change major field	12.2	8.8	13.3	14.9	10.1	8.5	11.5	13.1	13.4	13.4	14.3	14.9	14.8	10.4	9.4
change career choice	10.4	6.8	11.3	13.4	7.7	6.6	9.4	10.7	12.2	12.1	12.5	13.1	14.3	7.9	7.2
fail one or more courses	1.5	1.4	1.8	1.4	2.9	1.3	2.3	2.0	1.6	1.5	1.7	1.5	1.1	2.9	2.9
graduate with honors	13.6	10.7	14.2	16.5	22.4	10.7	10.6	13.2	15.8	15.7	14.3	15.1	20.5	21.3	24.6
be elected to student office	3.5	2.8	4.2	3.4	9.6	2.7	4.2	3.8	4.3	5.5	5.2	2.9	4.8	9.2	10.4
get job to pay expenses	31.0	30.7	30.2	32.5	24.8	31.7	21.0	29.7	32.0	29.3	31.5	32.4	32.9	25.2	24.0
work full-time while attending	3.4	4.4	3.7	1.9	4.5	4.5	3.3	4.4	2.7	2.6	3.0	2.0	1.4	4.3	4.7
join social frat or sorority	15.5	9.3	17.7	20.0	27.8	8.9	13.4	16.4	18.7	21.1	17.6	18.4	24.7	27.2	28.9
play varsity athletics	19.5	16.3	25.6	14.7	28.9	14.5	32.6	21.5	28.0	35.4	30.1	13.4	18.5	31.1	24.5
be elected to an honor society	7.3	4.2	8.4	9.6	14.6	4.0	6.7	7.5	9.3	10.4	8.9	8.4	13.0	13.6	16.6
make at least "B" average	41.4	35.3	40.8	50.2	41.6	35.8	30.5	38.4	45.7	40.6	46.2	47.4	58.5	40.9	42.9
need extra time for degree	7.2	6.9	7.3	7.5	10.5	6.7	8.5	7.9	6.0	6.9	6.4	8.3	5.1	10.1	11.4
get tutoring in some courses	10.5	11.0	11.4	8.5	21.1	10.3	17.6	11.7	10.4	11.6	11.8	8.6	8.0	19.8	23.6
work at outside job	16.9	20.9	15.6	13.8	14.3	21.9	12.3	17.4	13.4	12.1	15.2	14.8	10.6	13.7	15.6
seek vocational counseling	3.9	3.3	4.2	4.3	6.0	3.2	4.3	3.8	4.8	4.6	5.1	3.9	5.5	5.0	8.1
seek individual counseling	3.0	3.0	3.4	2.4	9.6	2.8	4.5	3.2	3.3	3.9	4.1	2.3	2.7	9.2	10.3
get bachelor's degree	66.7	50.6	72.3	78.8	72.3	50.5	51.7	71.7	76.8	69.1	71.2	77.5	83.1	72.2	72.4
participate in student protests	5.5	3.8	6.3	6.4	13.2	3.7	5.3	5.4	8.3	6.7	6.4	6.0	7.9	12.3	14.9
drop out temporarily	1.3	1.5	1.4	1.0	2.9	1.5	2.0	1.4	1.2	1.7	1.5	0.9	1.0	3.2	2.3
drop out permanently	1.0	1.1	1.1	0.6	2.2	1.0	2.0	1.1	0.8	1.4	1.4	0.7	0.6	2.2	2.2
transfer to another college	10.9	15.2	11.1	5.0	11.4	14.1	24.9	12.8	6.9	11.7	7.7	5.6	3.3	12.5	9.3
be satisfied with college	44.8	39.5	44.3	52.4	40.1	39.8	36.6	40.4	52.2	46.7	47.4	49.2	62.0	36.7	46.6
find job in own field	66.4	64.9	65.9	69.2	65.8	65.7	57.6	66.8	65.5	63.5	64.4	69.0	70.0	64.7	68.0
marry while in college	3.5	3.2	4.0	2.9	4.8	3.2	3.5	4.0	3.3	5.2	3.4	3.1	2.2	4.4	5.6
buy computer in next 12 months	15.3	11.9	15.7	19.1	15.2	12.0	11.4	16.4	17.4	11.9	13.4	17.8	23.3	14.7	16.1
Objectives Considered to Be Essential or Very Important															
achieve in a in performing art	10.7	9.9	11.7	10.4	17.1	9.4	13.9	10.9	12.2	13.9	10.8	9.9	11.8	14.8	21.3
become authority in my field	67.8	65.3	68.7	69.5	76.9	65.0	68.9	68.9	67.6	69.2	68.9	69.2	70.5	75.5	79.7
obtain recog from colleagues	56.1	53.7	56.7	58.3	67.0	53.4	57.4	56.4	57.2	56.0	59.6	58.1	59.1	65.2	70.4
influence political structure	22.4	18.8	24.6	23.9	38.6	18.3	23.1	23.4	25.3	26.4	27.9	22.6	28.0	36.6	42.4
influence social values	35.2	31.2	38.5	35.3	54.6	30.1	41.4	36.3	39.1	44.4	41.8	33.8	39.8	53.5	56.7
raise a family	68.5	65.5	69.9	70.1	73.9	64.9	71.1	68.4	70.3	73.5	73.0	68.8	73.8	74.8	72.3
have admin responsibility	44.9	43.9	46.0	44.4	60.8	43.3	48.9	46.7	43.1	46.0	49.3	44.2	44.9	61.3	59.9
be very well off financially	79.5	82.3	77.8	78.5	89.8	82.8	77.5	80.2	74.7	72.8	79.1	79.7	75.0	89.8	89.9
help others in difficulty	49.0	45.0	52.5	48.8	70.8	44.0	55.0	50.7	52.0	58.3	55.8	47.2	53.5	70.5	71.4
theoretical contrib to science	20.7	18.9	20.0	24.1	31.0	19.0	17.9	19.7	21.5	19.5	18.5	24.4	23.0	27.3	37.9
write original works	12.2	9.6	13.5	13.8	18.4	9.4	11.1	12.2	15.2	15.6	13.9	13.0	16.2	16.1	22.9
create artistic work	12.4	12.6	12.4	12.1	18.5	12.4	14.2	11.4	14.9	13.3	12.1	12.3	11.6	16.4	22.6
be successful in own business	50.1	53.0	49.5	47.2	70.9	52.6	57.1	49.9	47.1	49.5	54.0	47.5	46.4	71.4	69.9
be involved in environ clean-up	28.3	27.3	28.9	28.7	41.2	27.0	29.9	28.0	30.6	30.1	29.2	28.6	28.7	40.5	42.6
develop philosophy of life	40.0	33.5	42.8	44.1	60.8	32.5	42.6	40.5	45.7	46.9	43.9	42.1	50.1	59.7	62.9
participate in community action	20.2	17.5	22.8	19.9	46.4	16.5	26.1	21.4	22.7	27.6	24.2	19.0	22.7	45.8	47.6
promote racial understanding	32.5	27.2	36.4	33.7	73.6	25.9	39.2	34.1	39.2	40.9	36.7	32.1	38.8	70.6	79.4
keep up to date with politics	43.4	34.2	46.5	50.6	56.7	33.1	44.1	44.8	49.3	47.8	49.6	48.3	57.6	55.9	58.2

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Political Views															
far left	2.4	2.6	2.5	2.0	4.7	2.5	3.7	2.5	2.8	2.3	1.8	2.0	1.8	4.5	5.1
liberal	19.3	16.6	19.6	22.3	28.7	16.2	20.0	18.6	22.7	19.6	19.3	22.2	22.6	26.8	32.0
middle of the road	49.5	55.8	47.6	44.2	45.8	56.5	48.6	49.8	44.5	44.3	46.8	45.9	39.2	46.8	44.1
conservative	26.6	22.9	27.8	29.4	19.0	22.6	25.7	26.8	27.5	31.4	29.4	28.0	33.7	19.7	17.7
far right	2.3	2.1	2.5	2.1	1.7	2.1	2.0	2.4	2.5	2.4	2.8	2.0	2.6	2.1	1.1
Agrees Strongly or Somewhat															
govt not protecting consumer	64.7	68.3	64.5	60.4	77.7	68.2	69.2	64.8	63.7	65.2	63.0	61.5	57.1	76.9	79.1
govt not promoting disarmament	58.8	58.9	58.8	58.6	75.6	58.8	60.0	57.1	61.6	60.2	61.0	58.5	58.8	73.9	78.5
govt not controlling pollution	84.8	83.6	84.8	86.5	82.6	83.6	83.0	84.3	86.3	84.8	84.1	86.3	87.3	81.1	85.0
raise taxes to reduce deficit	32.6	28.4	32.8	37.5	26.6	28.2	30.1	31.6	35.3	34.0	32.8	36.9	39.2	25.0	29.4
too much concern for criminals	71.9	73.5	71.6	70.5	60.8	73.7	71.1	72.6	69.9	70.9	70.4	71.2	68.1	59.6	62.8
increase fed military spending	30.2	33.3	31.0	25.0	33.6	33.1	35.1	33.4	27.5	29.5	26.0	25.5	23.5	35.1	30.9
abortion should be legalized	63.6	62.7	61.6	67.6	66.6	62.6	63.1	63.2	65.5	54.8	52.7	68.9	63.9	65.3	69.0
abolish death penalty	18.4	17.5	19.0	18.8	34.7	17.2	20.3	17.4	20.8	20.3	22.9	17.9	21.4	34.0	36.0
sex OK if people like each other	65.1	68.0	62.4	65.5	64.9	68.6	62.2	64.5	64.4	52.0	63.0	67.7	58.7	64.5	65.6
married women best in home	32.3	37.3	31.9	26.5	39.7	37.3	37.9	32.3	29.3	33.5	32.8	26.9	25.2	39.2	40.7
live together before marriage	57.3	60.7	54.4	57.3	61.8	61.2	55.9	55.7	58.3	44.7	54.2	58.8	52.9	61.7	61.9
marijuana should be legalized	20.1	20.6	19.4	20.6	20.7	20.6	21.1	18.5	21.6	18.9	20.4	21.2	18.9	20.6	21.1
busing OK to achieve balance	56.1	59.3	55.0	53.6	69.6	59.2	60.6	54.1	56.2	57.0	54.2	54.1	52.2	68.6	71.4
prohibit homosexual relations	57.3	63.5	57.9	48.7	59.7	63.2	66.3	60.2	49.9	61.3	54.5	50.9	41.9	59.2	60.5
no endow investment in S Africa	54.1	50.0	55.1	57.6	58.9	50.1	49.5	53.7	58.7	55.4	56.1	56.4	61.5	54.9	65.9
college increases earning power	75.6	81.2	74.5	70.3	83.6	81.4	78.6	78.6	67.5	70.5	70.8	73.0	62.1	83.7	83.4
employers can require drug tests	76.5	77.1	77.4	74.5	77.6	77.1	77.9	78.3	74.5	79.2	74.6	74.1	75.7	76.9	78.9
control AIDS by mandatory tests	66.9	73.0	66.4	60.0	72.3	72.9	73.7	68.5	61.6	65.5	65.8	61.8	54.5	72.1	72.5
man not entitled to sex on date	79.0	75.0	80.1	82.3	72.7	75.0	75.0	79.9	81.3	80.4	78.1	81.4	85.1	71.9	74.2
only volunteers in Armed Service	52.3	52.4	52.3	52.2	61.4	52.5	51.5	52.8	52.7	51.2	50.0	52.5	51.4	61.9	60.4
fed govt control handguns more	67.2	62.4	69.0	70.7	81.6	62.0	66.7	66.9	72.7	70.1	72.8	69.1	75.5	81.0	82.6
national health care plan needed	72.1	76.0	71.6	67.9	83.6	76.1	74.9	71.8	72.2	69.0	73.8	69.0	64.5	83.2	84.5
Permission to Use Student I.D.															
yes	76.6	71.8	79.1	78.8	84.8	71.8	71.5	80.6	78.4	77.3	71.9	79.5	76.9	88.1	77.0
no	23.4	28.2	20.9	21.2	15.2	28.2	28.5	19.4	21.6	22.7	28.1	20.5	23.1	11.9	23.0

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1989 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategorization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High School															
1989	93.5	86.7	96.9	98.5	95.8	85.6	94.5	96.4	97.6	97.4	97.6	98.4	99.0	94.9	97.2
1988	2.5	4.3	1.7	0.9	3.1	4.5	2.7	1.9	1.6	1.4	1.4	1.0	0.7	3.8	2.0
1987	0.6	1.1	0.3	0.2	0.6	1.2	0.7	0.4	0.2	0.2	0.3	0.2	0.1	0.8	0.3
1986 or earlier	1.9	4.2	0.7	0.3	0.4	4.6	1.2	0.9	0.3	0.6	0.5	0.3	0.1	0.3	0.5
H.S. equivalency (G.E.D. test)	1.2	2.9	0.3	0.1	0.2	3.2	0.8	0.4	0.1	0.3	0.2	0.1	0.0	0.3	0.1
never completed high school	0.3	0.8	0.1	0.0	0.0	0.9	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0
Age on December 31, 1989															
16 or younger	0.1	0.1	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.1
17	2.6	2.7	2.3	3.1	3.5	2.8	2.4	1.9	3.1	2.6	2.3	2.9	3.9	2.6	5.1
18	75.1	69.3	78.0	79.6	77.8	69.1	71.6	78.1	79.2	75.9	78.1	79.6	79.4	76.2	80.7
19	17.6	18.1	17.7	16.3	16.0	17.6	22.2	17.5	16.3	19.9	17.9	16.4	16.0	18.0	12.6
20	1.6	2.8	1.0	0.5	1.8	3.0	1.8	1.1	0.8	0.7	1.0	0.6	0.4	2.2	1.0
21-24	1.2	2.6	0.5	0.3	0.6	2.8	0.8	0.5	0.3	0.4	0.4	0.3	0.1	0.6	0.5
25-29	0.7	1.6	0.2	0.1	0.2	1.8	0.5	0.3	0.1	0.1	0.1	0.1	0.0	0.2	0.0
30-39	0.8	2.0	0.3	0.0	0.1	2.2	0.4	0.4	0.1	0.2	0.1	0.1	0.0	0.1	0.0
40-54	0.3	0.7	0.1	0.0	0.1	0.8	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1,2)															
White/Caucasian	83.3	85.3	80.7	84.5	1.3	85.4	84.9	79.1	82.2	80.3	88.8	85.2	82.2	1.6	0.8
Black/Negro/Afro-American	10.3	6.9	15.3	7.0	97.9	6.8	8.1	17.8	11.5	16.8	3.2	7.3	5.8	97.3	98.9
American Indian	1.0	1.0	1.1	0.9	1.4	1.0	0.7	1.1	1.1	1.1	0.8	0.9	0.8	1.2	1.8
Asian-American/Oriental	2.6	2.1	1.8	5.0	0.1	2.1	2.0	1.2	3.4	1.7	2.6	4.2	7.8	0.0	0.3
Mexican-American/Chicano	1.5	1.6	1.0	2.3	0.1	1.4	3.0	0.8	0.8	0.8	2.8	2.2	2.7	0.2	0.1
Puerto Rican-American	0.9	1.3	0.6	0.5	0.4	1.4	0.8	0.6	0.9	0.2	1.1	0.5	0.7	0.4	0.3
other	2.0	2.9	1.4	1.8	1.4	3.1	1.9	1.0	2.4	1.0	2.5	1.6	2.5	1.4	1.4
Average High School Grade															
A or A+	11.6	4.6	12.6	21.1	4.1	4.7	3.7	10.5	15.8	16.7	11.7	18.2	31.3	2.0	7.8
A-	13.9	7.6	15.6	21.1	5.1	7.8	6.0	14.1	18.5	16.7	17.0	19.8	25.8	3.0	8.7
B+	20.3	17.2	21.7	22.9	16.6	17.8	13.3	21.8	21.6	20.5	23.4	23.3	21.4	14.7	19.8
B	26.8	29.4	26.7	22.6	23.9	30.3	22.9	28.3	23.5	23.8	27.3	24.6	15.8	22.5	26.3
B-	12.7	17.0	11.6	7.8	18.2	17.1	16.1	12.0	11.1	11.0	11.3	8.8	4.3	18.9	17.0
C+	9.6	15.0	8.2	3.4	21.5	14.1	21.0	9.1	6.6	7.5	6.8	4.1	1.2	25.9	14.0
C	4.9	8.8	3.6	1.0	10.3	7.8	16.2	3.9	2.8	3.7	2.6	1.3	0.3	12.7	6.1
D	0.2	0.5	0.1	0.0	0.3	0.4	0.9	0.2	0.1	0.1	0.0	0.0	0.0	0.3	0.2
Miles from College to Home															
5 or less	8.7	15.4	5.6	3.6	6.5	16.6	6.5	6.4	3.7	4.5	6.9	3.8	2.8	6.9	5.9
6-10	9.7	15.8	6.6	5.6	6.3	17.1	6.4	7.8	3.9	4.7	7.9	6.1	4.2	6.4	6.0
11-50	27.9	38.3	24.2	17.8	14.8	39.9	26.1	28.2	16.8	17.7	25.1	18.9	13.9	16.5	11.9
51-100	15.9	13.0	18.0	16.8	12.0	13.0	13.5	19.2	14.5	17.9	17.4	18.7	10.0	13.4	9.5
101-500	28.2	14.1	33.7	41.1	32.3	12.0	28.8	32.5	35.6	36.8	31.1	42.2	37.1	35.0	27.6
more than 500	9.6	3.5	11.9	15.2	28.1	1.4	18.8	5.9	25.5	18.3	11.7	10.3	32.0	21.7	39.2

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	3.5	5.0	3.2	2.0	10.3	5.1	3.9	3.4	2.6	3.5	2.4	2.2	1.3	11.0	9.0
$6,000 - $9,999	3.3	4.2	3.2	1.9	8.0	4.3	3.6	3.6	2.3	3.5	2.5	2.0	1.5	8.4	7.5
$10,000 - $14,999	5.4	6.8	5.2	3.8	8.4	6.9	6.1	5.6	4.2	5.5	4.3	4.1	2.7	8.1	9.0
$15,000 - $19,999	5.9	7.7	5.6	4.0	9.6	7.7	7.2	5.9	5.0	5.7	4.6	4.3	2.9	10.1	8.7
$20,000 - $24,999	7.5	9.3	7.2	5.4	11.2	9.7	6.6	7.6	5.8	7.9	6.0	5.7	4.0	12.1	9.7
$25,000 - $29,999	7.1	8.4	6.9	5.6	9.0	8.5	8.1	7.1	6.3	7.3	6.0	6.0	4.2	8.6	9.7
$30,000 - $34,999	9.3	11.1	8.8	7.5	8.4	11.2	10.4	9.2	7.8	9.0	8.2	8.0	5.6	8.2	8.8
$35,000 - $39,999	9.1	9.7	9.4	7.6	7.4	10.0	7.5	10.3	7.7	8.6	8.9	8.0	6.1	7.7	6.9
$40,000 - $49,999	12.5	12.8	12.5	11.9	8.9	13.3	9.4	13.2	10.9	12.2	12.1	12.5	9.8	9.0	8.9
$50,000 - $59,999	11.2	10.1	11.6	12.3	6.2	10.1	9.8	12.5	10.4	10.1	11.0	12.8	10.8	5.4	7.4
$60,000 - $74,999	10.4	7.4	11.1	13.4	7.1	7.2	8.9	11.0	11.4	10.6	12.4	13.5	13.1	6.6	7.8
$75,000 - $99,999	6.4	3.3	6.9	10.2	3.2	2.8	6.8	6.1	9.0	6.6	8.3	9.6	12.1	2.9	3.6
$100,000 - $149,999	4.2	2.3	4.2	7.3	1.3	1.8	5.3	2.9	7.0	4.4	6.2	6.2	11.1	1.0	1.6
$150,000 or more	4.0	1.8	4.1	7.3	0.9	1.1	6.6	1.6	9.7	5.2	7.2	5.2	14.7	0.6	1.3
Status of Parents															
living with each other	70.4	68.6	70.0	74.2	42.0	68.2	71.7	68.2	71.1	71.2	77.1	73.2	77.4	41.4	43.0
divorced or separated	24.2	25.0	24.7	21.9	48.0	25.3	22.8	26.3	23.9	23.2	18.3	22.8	18.8	48.1	48.0
one or both deceased	5.4	6.4	5.3	3.9	10.0	6.5	5.6	5.5	5.0	5.6	4.6	3.9	3.8	10.6	9.0
Students Strongly Agreed with Characterization of Parents As															
interested in intell pursuits	27.8	19.3	29.5	37.9	36.7	18.6	23.8	25.8	37.8	32.4	31.9	35.3	46.8	32.5	43.6
interested in cultural pursuits	12.9	7.7	14.1	18.7	19.4	7.1	12.0	10.6	22.3	16.9	15.4	16.3	27.0	16.1	24.8
deeply religious	15.0	12.9	17.9	13.2	26.5	12.1	18.6	15.8	17.6	25.9	17.2	12.1	17.0	25.9	27.5
interested in politics	8.5	6.1	9.2	11.0	10.5	5.7	9.2	7.4	12.9	10.9	10.5	10.1	14.2	9.2	12.7
deeply concerned about children	77.4	74.5	79.0	78.9	87.1	73.9	78.7	77.5	80.9	82.0	79.9	77.8	82.9	86.6	88.0
financially comfortable	18.8	15.8	19.0	23.4	15.8	14.8	22.8	17.0	23.3	20.0	20.9	21.7	29.0	15.8	15.8
having high aspirations for me	68.0	61.1	71.1	73.4	82.8	60.1	67.8	69.9	73.5	73.6	68.9	71.9	78.8	81.3	85.4
difficult to talk with	8.2	9.4	7.8	7.0	7.7	9.4	9.1	8.3	6.9	7.2	7.2	7.3	6.2	8.1	7.2
Have Had Remedial Work In															
English	4.6	5.5	4.7	3.0	12.5	4.9	10.0	4.5	5.1	4.8	4.8	3.0	2.9	12.7	12.2
reading	4.4	5.5	4.5	2.6	12.6	4.9	9.6	4.5	4.6	4.6	4.4	2.7	2.3	12.7	12.4
mathematics	10.8	11.0	11.3	9.7	15.3	9.9	19.6	9.6	14.7	12.3	14.0	9.4	10.9	14.8	16.3
social studies	3.4	4.1	3.4	2.1	11.1	3.7	7.3	3.4	3.2	3.8	3.0	2.2	1.6	11.1	11.0
science	4.1	4.5	4.3	3.0	10.3	4.2	7.2	3.9	5.1	4.5	4.9	2.9	3.4	9.8	11.3
foreign language	3.9	4.1	4.2	2.9	9.3	3.6	7.9	3.8	5.1	4.6	5.1	2.8	3.1	9.0	9.8
Will Need Remedial Work In															
English	9.9	12.9	8.9	6.7	15.2	12.6	14.4	9.4	8.0	7.7	10.5	7.1	5.4	16.9	12.4
reading	4.4	6.6	3.7	2.2	6.6	6.7	5.9	3.9	3.6	2.8	4.4	2.3	1.8	7.9	4.5
mathematics	29.9	33.8	29.6	24.2	47.2	33.3	37.8	31.2	25.1	28.4	31.0	25.7	18.7	44.8	51.3
social studies	3.7	4.2	3.9	2.5	7.0	4.0	5.7	4.3	2.9	3.5	4.1	2.7	1.9	6.7	7.7
science	11.7	11.1	12.8	11.0	19.8	10.5	15.4	13.4	11.0	11.8	13.4	11.6	8.8	17.8	23.2
foreign language	9.3	8.4	10.8	8.1	18.7	7.7	13.0	10.8	9.5	11.6	11.9	8.4	7.1	15.9	23.6

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
used a personal computer (3)	28.0	23.8	29.6	31.8	32.6	23.9	23.0	29.1	32.5	29.5	26.8	29.8	38.7	31.9	33.8
attended a religious service	85.2	82.0	88.1	85.1	92.8	81.2	87.4	87.6	84.0	92.8	91.2	84.4	87.3	91.6	94.9
was bored in class	93.5	88.6	95.8	97.0	91.8	87.9	93.4	95.5	96.8	95.8	96.2	97.0	97.1	91.0	93.3
participated in demonstration	37.5	36.3	40.5	34.3	48.8	35.1	45.1	41.1	40.2	39.2	39.6	34.9	32.4	47.8	50.7
won varsity letter in sports	41.2	35.2	43.1	47.3	32.5	34.5	40.0	41.6	45.7	42.4	49.6	47.6	45.9	32.6	32.3
didn't complete homework on time	65.3	63.2	67.0	65.5	67.2	62.1	71.3	66.1	69.5	67.6	66.3	66.4	62.3	65.7	70.0
tutored another student	45.0	33.5	48.6	56.9	48.2	33.7	31.7	46.6	52.2	51.3	49.1	54.7	64.9	43.2	56.8
did extra class work/reading (3)	11.5	9.5	12.5	12.9	17.5	9.2	11.8	11.8	13.4	13.9	12.5	12.5	14.1	15.3	21.4
studied with other students	87.3	83.1	88.8	91.3	87.0	82.5	87.9	88.2	89.4	90.0	89.5	91.1	92.0	85.8	89.1
was a guest in a teacher's home	29.2	24.2	32.5	31.5	28.4	23.0	32.8	30.4	35.4	38.6	28.3	30.3	35.9	26.7	31.4
smoked cigarettes (3)	11.5	16.6	9.2	7.5	2.6	16.5	17.4	9.5	10.0	6.5	10.3	7.8	6.5	3.2	1.6
drank beer	54.8	56.2	51.1	58.9	21.1	56.7	52.1	51.4	54.3	40.3	63.8	59.7	55.9	21.4	20.6
drank wine or liquor	62.7	60.4	61.6	68.1	35.2	60.6	58.4	62.3	63.7	51.8	71.6	68.5	66.7	32.5	40.0
stayed up all night	78.4	75.4	79.8	80.6	80.2	75.1	77.8	80.0	80.0	78.9	79.8	80.9	79.8	79.1	82.2
spoke other language at home (3)	6.7	8.1	5.1	7.4	5.3	7.9	8.9	4.1	7.3	4.7	8.4	6.7	9.9	5.1	5.7
felt overwhelmed (3)	24.7	20.1	26.2	29.2	21.7	19.5	24.7	24.8	28.3	28.0	27.7	28.9	30.1	20.6	23.4
felt depressed (3)	11.3	11.7	11.6	10.2	15.0	11.4	13.6	11.6	11.6	12.2	10.9	10.6	8.8	15.0	15.0
argued with teacher in class	35.8	31.2	37.2	40.4	34.6	31.1	32.1	36.3	39.8	36.3	38.7	40.7	39.7	34.4	34.9
took sleeping pills	3.2	3.4	3.3	2.6	2.5	3.1	5.5	3.3	3.4	3.7	2.7	2.6	2.7	2.4	2.7
took a tranquilizing pill	1.8	2.0	1.9	1.4	1.2	1.8	3.0	1.8	1.9	2.2	1.6	1.4	1.4	1.0	1.5
discussed personal prob w/friend	96.6	95.8	96.9	97.4	93.5	95.7	96.1	96.8	97.1	97.1	96.9	97.4	97.4	93.4	93.7
studied in the library (3)	15.0	13.0	15.6	17.2	22.3	12.7	15.0	14.5	17.8	16.7	16.8	16.7	18.9	20.4	25.7
performed volunteer work	64.8	57.4	67.8	71.3	65.2	56.5	63.5	63.9	73.4	72.3	73.4	69.1	79.3	61.4	71.9
visited art gallery or museum	57.0	50.0	58.5	65.3	55.2	49.1	56.6	54.0	68.5	60.9	63.2	62.6	74.7	52.2	60.3
worried about choosing career	76.3	75.9	75.4	78.4	65.5	75.9	75.9	76.0	73.6	74.4	77.4	78.7	77.0	65.7	65.1
Student's Religious Preference															
Baptist	16.4	15.1	20.9	10.8	60.4	13.6	25.3	24.8	13.2	25.6	3.0	10.9	10.3	64.7	53.1
Buddhist	0.2	0.2	0.2	0.4	0.2	0.1	0.3	0.1	0.3	0.2	0.2	0.3	0.6	0.2	0.2
Congregational	1.1	0.7	1.2	1.6	0.7	0.8	0.5	1.0	2.2	1.1	0.7	1.7	1.2	0.8	0.7
Eastern Orthodox	0.7	0.9	0.4	0.7	0.1	1.0	0.4	0.4	0.7	0.2	0.5	0.7	0.6	0.1	0.0
Episcopal	2.6	2.1	2.6	3.3	1.5	1.9	4.0	2.0	4.3	3.3	1.8	3.1	4.1	1.6	1.4
Islamic	0.3	0.3	0.2	0.3	0.7	0.4	0.0	0.1	0.4	0.2	0.2	0.2	0.4	0.6	0.8
Jewish	2.5	2.0	1.3	5.5	0.0	2.0	2.0	1.0	3.6	0.4	0.3	5.0	7.4	0.0	0.0
LDS (Mormon)	0.3	0.4	0.2	0.3	0.0	0.4	0.3	0.3	0.3	0.1	0.1	0.4	0.2	0.0	0.0
Lutheran	6.5	6.8	6.2	6.8	0.7	6.5	9.0	6.8	3.4	8.8	3.4	7.5	4.2	0.5	1.1
Methodist	10.4	10.9	10.6	9.1	10.4	10.8	11.5	12.1	7.6	12.6	3.4	9.7	7.3	9.7	11.5
Presbyterian	4.9	4.4	4.9	5.7	1.6	4.3	5.3	4.5	5.5	7.0	2.4	5.6	6.1	1.6	1.6
Quaker	0.2	0.3	0.2	0.2	0.1	0.3	0.0	0.1	0.5	0.3	0.2	0.2	0.3	0.1	0.1
Roman Catholic	33.6	37.8	29.6	33.9	8.7	39.6	24.8	27.8	29.2	13.5	73.3	33.0	37.1	5.9	13.3
Seventh Day Adventist	0.4	0.4	0.5	0.2	0.7	0.4	0.2	0.3	0.2	1.7	0.2	0.2	0.2	0.7	0.6
other Protestant	4.9	4.6	5.7	3.9	1.5	4.7	4.0	4.1	8.7	10.1	2.3	3.9	4.0	1.5	1.4
other religion	5.5	5.8	6.0	4.4	8.0	5.5	7.9	5.7	6.2	8.7	2.4	4.5	3.9	7.7	8.6
none	9.3	7.3	9.1	12.8	4.7	7.7	4.5	8.9	13.7	6.3	5.6	13.0	12.1	4.3	5.4
Student Born-Again Christian?															
no	71.1	72.2	65.6	79.1	48.7	73.9	60.6	64.4	72.9	49.6	88.6	79.1	78.9	49.3	47.8
yes	28.9	27.8	34.4	20.9	51.3	26.1	39.4	35.6	27.1	50.4	11.4	20.9	21.1	50.7	52.2

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Student Rated Self Above Average or Highest 10% in															
academic ability	52.5	32.4	58.1	74.6	39.1	32.9	28.8	55.9	63.4	60.7	56.4	72.1	83.2	31.2	52.9
artistic ability	22.2	19.2	22.2	27.3	15.3	18.9	20.9	19.9	28.2	23.9	21.4	26.2	30.9	13.8	17.9
competitiveness	42.1	32.6	43.8	54.4	39.0	32.1	36.3	42.4	46.7	45.5	43.5	53.0	59.2	36.5	43.4
drive to achieve	61.9	49.2	65.8	74.9	66.4	49.1	50.0	64.3	69.0	68.4	64.6	73.2	80.8	63.0	72.2
emotional health	50.8	43.5	52.6	59.1	53.0	42.7	49.2	51.5	55.2	54.6	51.2	58.0	63.0	50.1	57.9
foreign language ability	33.6	24.3	35.4	45.2	28.8	24.5	22.9	33.9	39.6	36.0	35.7	43.3	51.7	25.4	34.8
leadership ability	46.6	35.8	49.6	58.2	52.4	35.1	41.3	47.7	52.7	53.4	48.7	56.6	64.0	50.8	55.1
mathematical ability	32.8	23.3	34.5	44.8	24.7	23.9	19.0	33.9	36.6	34.8	34.1	42.8	52.0	20.8	31.3
physical health	48.6	43.6	49.2	55.8	47.7	42.8	49.5	48.1	51.5	49.1	51.6	55.3	57.3	46.1	50.5
popularity	36.8	30.4	37.4	46.0	40.9	29.4	37.0	36.8	39.6	37.2	37.3	45.5	47.5	40.5	41.6
popularity with opposite sex	35.4	31.1	35.6	41.9	39.9	30.4	35.9	35.6	37.1	34.3	34.1	42.0	41.6	40.0	39.7
public speaking ability	27.6	19.5	30.0	36.2	32.9	19.1	22.9	27.8	33.6	33.9	29.3	34.4	42.4	28.9	39.9
self-confidence (intellectual)	42.7	30.1	46.8	55.7	54.3	29.7	33.2	45.3	50.1	50.1	43.3	53.6	62.8	50.4	61.1
self-confidence (social)	39.3	32.5	40.9	47.0	52.2	31.8	37.8	40.3	42.2	42.7	39.1	46.4	49.1	50.9	54.6
writing ability	40.5	30.7	43.3	51.3	39.6	30.4	33.6	41.1	48.6	46.5	40.6	49.3	58.2	36.4	45.1
Prior Credit at This Institution															
no	95.9	94.3	96.9	96.8	97.2	94.1	95.3	96.9	96.7	97.3	96.8	96.8	97.0	99.0	94.1
yes	4.1	5.7	3.1	3.2	2.8	5.9	4.7	3.1	3.3	2.7	3.2	3.2	3.0	1.0	5.9
This College is Student's															
first choice	68.7	67.3	67.7	72.8	49.3	67.9	62.9	65.0	70.3	73.5	69.8	72.2	74.9	44.6	57.6
second choice	23.4	24.0	24.5	20.7	35.8	23.4	27.8	26.6	21.8	20.7	23.6	21.2	19.1	38.1	31.7
third choice	5.3	5.6	5.6	4.4	11.5	5.6	5.7	6.1	5.6	4.0	4.7	4.4	4.1	13.4	8.2
less than third choice	2.5	3.2	2.2	2.1	3.4	3.1	3.6	2.3	2.3	1.8	1.9	2.1	1.9	3.9	2.5
Number of Other Colleges Applied to for Admission This Year															
none	32.3	43.9	26.2	24.5	17.3	45.4	33.0	29.3	20.4	26.2	17.2	27.8	13.0	18.3	15.6
one	16.2	17.0	16.2	14.8	14.4	17.1	16.9	17.7	11.9	16.7	14.7	16.0	10.6	14.9	13.4
two	16.6	14.9	18.2	16.3	20.1	14.6	17.2	19.3	14.1	19.2	17.8	17.0	13.9	19.9	20.6
three	14.8	13.0	16.5	14.7	22.1	12.4	17.4	16.5	16.0	16.0	18.1	14.3	16.2	22.7	21.1
four	8.4	5.6	9.7	10.3	12.6	5.3	7.5	8.4	12.3	10.0	12.7	9.3	13.9	12.0	13.6
five	5.4	3.0	6.2	7.9	7.1	2.8	4.7	4.7	10.0	5.9	9.7	6.7	11.9	6.5	8.0
six or more	6.3	2.5	6.9	11.4	6.5	2.3	3.3	4.1	15.3	6.1	9.8	8.8	20.4	5.7	7.8
Number of Other College Acceptances This Year (4)															
none	15.4	29.0	10.0	7.1	11.6	29.8	24.4	11.1	8.2	9.3	8.4	8.3	3.6	13.5	8.3
one	28.1	31.6	27.6	24.5	25.8	31.8	30.4	30.3	21.5	27.1	25.2	27.0	17.0	28.3	21.6
two	23.7	20.8	25.7	24.1	26.8	20.3	24.0	26.6	23.0	26.4	24.4	24.9	21.7	26.6	27.1
three	16.9	12.3	18.8	19.6	18.8	12.0	14.4	17.7	21.0	19.0	20.1	18.8	22.0	18.1	20.0
four	8.4	4.1	9.6	12.0	9.5	4.1	4.1	8.1	12.7	9.7	11.7	10.7	16.0	8.0	12.2
five	3.9	1.2	4.4	6.3	4.0	1.1	1.9	3.5	6.7	4.4	5.5	5.4	8.8	2.9	5.9
six or more	3.6	1.0	3.9	6.5	3.5	1.0	0.8	2.7	6.9	3.9	4.7	5.0	10.9	2.7	5.0

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Prot-estant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR SPENT ON															
None															
studying or doing homework	0.6	1.0	0.5	0.4	0.6	1.0	0.6	0.6	0.5	0.4	0.3	0.4	0.2	0.7	0.6
socializing with friends	0.3	0.5	0.2	0.1	0.7	0.5	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.8	0.5
talking w/teacher outside class	5.3	7.4	4.3	4.1	5.7	7.8	4.6	4.8	3.2	3.6	3.7	4.5	2.8	6.4	4.5
exercising or sports	5.0	6.0	5.3	3.1	14.7	5.9	6.5	5.9	4.4	5.1	3.2	3.2	2.8	16.2	12.1
partying	14.9	15.2	15.8	12.8	17.2	15.3	14.5	15.1	15.8	20.2	11.6	12.7	12.9	18.4	15.3
working (for pay)	25.1	23.2	25.6	27.2	30.6	23.0	24.3	22.8	31.3	30.5	23.0	24.4	37.0	28.2	34.5
volunteer work	48.3	54.8	46.1	41.9	50.2	55.3	51.1	50.3	39.7	41.4	40.2	44.4	33.0	54.0	43.6
student clubs and groups	21.9	31.9	17.4	14.2	23.2	33.0	24.2	19.3	14.2	14.0	17.4	15.8	8.5	27.6	15.7
watching TV	5.2	4.1	5.6	6.4	2.4	4.0	5.0	4.8	7.4	6.0	6.0	6.0	8.0	2.3	2.7
hobbies	10.5	12.6	9.6	8.6	12.7	13.0	10.3	10.2	8.8	7.9	10.4	9.0	7.4	13.3	11.6
Six or More Hours															
studying or doing homework	47.0	39.5	48.9	55.2	41.0	39.3	40.6	44.7	56.7	52.2	55.2	51.9	67.0	35.9	49.9
socializing with friends	76.0	70.7	77.6	81.3	60.2	70.1	75.0	76.5	80.2	76.6	81.5	81.2	82.0	57.5	64.8
talking w/teacher outside class	15.6	14.9	16.9	14.2	18.9	14.5	18.0	16.2	18.5	17.2	17.9	14.1	14.8	17.7	21.1
exercising or sports	37.5	33.3	38.4	42.3	24.1	32.9	36.3	36.2	43.2	37.6	44.9	41.7	44.2	23.1	25.8
partying	30.5	30.6	29.4	32.5	26.0	29.9	35.6	30.2	29.3	23.3	36.0	33.1	30.4	26.0	25.9
working (for pay)	64.1	65.7	64.1	61.6	60.1	66.1	63.2	67.8	57.2	57.5	66.7	64.9	50.1	62.2	56.5
volunteer work	5.8	5.4	6.2	5.8	8.9	5.3	6.2	5.2	7.8	7.2	7.6	5.3	7.5	7.5	11.4
student clubs and groups	18.5	14.4	19.8	22.5	18.1	14.3	14.8	18.0	22.7	22.0	21.3	20.8	28.3	14.7	24.0
watching TV	27.9	28.6	28.7	25.5	42.6	28.7	27.9	30.0	25.7	28.7	25.6	26.1	23.2	44.0	40.2
hobbies	22.4	21.7	23.2	22.2	27.7	21.2	24.9	22.7	24.8	24.0	21.7	22.1	22.6	28.3	26.6
Sixteen or More Hours															
studying or doing homework	8.4	5.6	9.0	11.9	8.9	5.6	5.3	7.0	13.9	9.9	11.0	9.9	19.2	6.2	13.5
socializing with friends	35.1	32.1	36.4	37.4	26.1	31.5	37.0	36.2	37.7	34.0	39.6	37.6	36.6	25.5	27.1
talking w/teacher outside class	4.1	4.3	4.2	3.4	4.2	4.1	5.7	4.0	4.7	4.2	5.0	3.4	3.1	4.0	4.7
exercising or sports	9.9	8.8	10.4	10.6	6.7	8.7	9.8	9.8	11.7	9.9	12.6	10.6	10.8	6.8	6.6
partying	6.2	7.2	5.7	5.4	6.1	6.7	10.1	6.0	5.7	4.3	6.9	5.7	4.5	6.3	5.7
working (for pay)	38.6	41.3	38.8	33.9	40.1	41.6	39.1	42.7	32.0	32.8	37.8	36.7	24.1	41.5	37.8
volunteer work	1.4	1.4	1.5	1.2	2.7	1.4	1.2	1.3	1.8	1.6	1.9	1.1	1.5	2.4	3.1
student clubs and groups	4.1	3.1	4.4	5.0	4.8	3.1	2.8	4.0	5.0	4.9	5.0	4.6	6.6	4.0	6.1
watching TV	5.5	5.4	6.1	4.4	15.1	5.3	6.2	6.6	5.2	6.3	4.3	4.6	3.7	15.9	13.6
hobbies	4.8	4.6	5.2	4.2	9.1	4.4	5.5	5.2	5.6	5.4	4.4	4.2	4.1	9.7	7.9
U.S. Citizen?															
yes	97.2	95.7	98.3	97.6	98.7	95.7	95.7	98.8	97.1	98.3	97.3	97.9	96.6	98.5	99.0
permanent resident	1.6	2.5	0.8	1.6	0.9	2.7	1.3	0.6	1.2	0.5	1.2	1.5	1.9	1.1	0.5
no	1.2	1.7	0.9	0.8	0.4	1.5	2.9	0.5	1.8	1.1	1.4	0.6	1.4	0.4	0.5

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degreee Planned Anywhere															
none	0.9	1.6	0.7	0.5	1.4	1.6	1.6	0.7	0.6	0.9	0.6	0.5	0.3	1.7	0.9
vocational certificate	0.6	1.5	0.2	0.1	0.3	1.5	1.2	0.2	0.1	0.1	0.2	0.1	0.0	0.3	0.3
associate (A.A. or equivalent)	5.0	12.8	1.1	0.5	0.7	13.4	9.2	1.2	0.9	0.8	0.6	0.6	0.1	0.9	0.4
bachelor's (B.A., B.S.)	31.6	39.9	29.0	24.0	18.4	40.5	35.8	32.3	23.0	25.3	26.9	26.0	17.0	22.3	12.4
master's (M.A., M.S.)	37.6	30.1	41.9	40.9	38.8	29.2	35.8	42.8	41.3	39.4	42.8	41.3	39.4	42.1	33.6
Ph.D. or Ed.D.	11.5	6.0	13.9	15.6	20.8	5.9	6.4	12.1	17.4	16.5	12.9	15.0	17.8	17.5	25.9
M.D., D.O., D.D.S., D.V.M.	6.0	3.0	6.3	9.8	8.5	3.0	3.3	4.9	7.8	8.9	6.8	9.0	12.4	4.4	14.9
LL.B. or J.D. (law)	4.9	2.7	5.2	7.5	7.3	2.7	3.0	4.0	7.2	6.0	7.5	6.3	11.6	6.3	9.0
B.D. or M.Div. (divinity)	0.2	0.3	0.3	0.2	1.1	0.2	0.5	0.3	0.3	0.4	0.2	0.2	0.2	1.4	0.6
other	1.7	2.2	1.6	1.1	2.7	2.1	3.2	1.6	1.3	1.8	1.6	1.1	1.0	3.1	2.1
Highest Degree Planned at Freshman College															
none	3.7	6.6	2.9	1.2	2.2	6.8	5.0	4.0	1.3	2.1	1.2	1.4	0.6	3.0	1.0
vocational certificate	1.0	2.4	0.3	0.1	0.5	2.3	2.7	0.3	0.2	0.3	0.3	0.2	0.1	0.5	0.5
associate (A.A. or equivalent)	19.3	52.7	3.2	1.1	3.7	50.6	67.5	3.8	1.9	3.0	2.5	1.3	0.3	5.1	1.8
bachelor's (B.A., B.S.)	57.5	29.9	74.4	66.3	65.4	31.8	17.4	69.3	81.5	80.9	77.3	65.3	69.2	60.5	72.5
master's (M.A., M.S.)	13.0	4.6	15.0	21.3	19.0	4.9	2.7	17.7	11.8	10.1	15.1	21.8	19.5	21.4	15.5
Ph.D. or Ed.D.	1.8	0.7	1.6	3.9	3.5	0.8	0.2	1.9	1.0	1.4	1.4	4.0	3.5	3.4	3.5
M.D., D.O., D.D.S., D.V.M.	1.1	0.3	0.4	3.2	1.1	0.4	0.0	0.4	0.5	0.5	0.4	3.2	3.2	0.8	1.6
LL.B. or J.D. (law)	0.9	0.3	0.7	1.9	1.6	0.3	0.3	0.8	0.6	0.5	0.5	1.6	2.9	1.7	1.4
B.D. or M.Div. (divinity)	0.2	0.2	0.2	0.1	0.7	0.2	0.3	0.2	0.1	0.2	0.2	0.1	0.1	0.6	0.8
other	1.5	2.2	1.3	0.9	2.3	2.0	3.7	1.6	1.0	1.1	1.1	1.0	0.7	3.0	1.4
Reasons Noted as Very Important or Essential in Career Choice															
job openings regularly available	72.5	76.8	71.1	68.0	85.2	77.7	70.9	74.2	63.7	67.7	72.0	69.8	61.6	86.0	84.0
rapid advancement possible	62.5	67.0	60.5	59.0	84.9	67.4	63.8	63.8	55.1	54.6	60.5	60.4	54.3	86.3	82.6
high anticipated earnings	67.9	72.6	65.1	65.4	88.1	73.0	69.2	68.8	59.4	58.0	65.6	67.0	60.1	88.3	87.8
well-respected/prestigious job	65.9	69.4	64.0	63.9	84.7	69.6	68.0	66.5	59.3	60.2	64.6	64.7	61.3	86.0	82.5
great deal of independence	69.0	69.8	68.1	69.5	85.2	70.1	68.1	68.7	68.6	65.6	67.4	69.8	68.4	84.9	85.6
chance for steady progress	77.6	78.1	76.6	78.6	89.8	78.2	78.0	77.4	76.7	72.8	77.8	78.7	78.0	88.8	91.5
make important contrib to soc	71.1	65.6	74.1	74.4	81.1	65.0	69.6	72.4	76.2	77.4	74.6	73.5	77.4	78.8	85.1
can avoid pressure	35.9	39.2	35.9	30.9	57.8	38.7	43.1	37.4	33.4	33.5	35.1	32.4	25.7	60.2	53.7
can work with ideas	70.1	65.9	72.3	72.8	82.4	65.3	70.6	71.5	75.5	71.9	71.8	72.5	73.9	82.7	81.9
can be helpful to others	84.2	83.8	85.1	83.2	90.1	83.5	85.9	84.6	84.5	87.2	86.0	83.2	83.2	89.6	90.8
able to work with people	83.6	84.4	83.6	82.2	89.4	84.1	86.9	83.1	82.3	85.6	85.8	82.0	82.9	90.0	88.4
intrinsic interest in field	82.3	80.1	82.7	85.1	84.7	79.9	81.0	82.2	84.2	82.6	82.8	84.8	86.1	83.9	86.1
work would be challenging	75.7	71.6	76.8	80.3	83.8	71.2	74.2	75.4	79.8	78.1	77.1	79.4	83.7	83.2	84.7

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	6.3	6.7	6.9	4.6	9.5	7.1	3.5	8.2	4.3	5.3	6.5	4.8	3.7	11.4	6.3
actor or entertainer	0.9	0.4	1.1	1.2	1.1	0.4	0.7	0.8	2.0	1.3	1.2	1.0	1.9	0.9	1.5
architect or urban planner	0.8	0.9	0.3	1.4	0.5	1.0	0.4	0.4	0.5	0.2	0.2	1.5	1.1	0.6	0.4
artist	1.8	1.7	2.0	1.5	0.4	1.4	3.8	1.8	3.4	1.2	1.7	1.6	1.2	0.5	0.4
business (clerical)	1.7	3.5	0.9	0.4	1.4	3.6	3.2	1.1	0.8	0.6	0.7	0.5	0.2	1.9	0.6
business executive (management)	9.9	10.7	9.3	9.7	12.4	10.7	10.2	9.7	8.1	8.1	10.8	9.6	9.9	14.5	8.9
business owner or proprietor	2.0	2.3	1.8	1.8	3.1	2.1	3.3	1.9	1.8	1.5	2.3	1.8	1.7	3.9	1.8
business salesperson or buyer	1.4	1.6	1.3	1.3	1.7	1.6	2.1	1.4	1.1	1.0	1.5	1.4	0.9	1.9	1.2
clergy (minister,priest)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
clergy (other religious)	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.1	0.0	0.0
clinical psychologist	2.5	1.9	2.8	2.8	2.6	1.9	1.8	2.8	2.8	2.7	3.4	2.9	2.3	2.6	2.6
college teacher	0.4	0.2	0.5	0.5	0.3	0.2	0.2	0.4	0.7	0.8	0.4	0.4	0.8	0.4	0.2
computer programmer or analyst	1.9	2.7	1.7	0.8	6.8	2.9	1.4	2.1	1.3	1.4	0.9	0.9	0.6	8.0	4.8
conservationist or forester	0.3	0.3	0.3	0.3	0.1	0.3	0.0	0.3	0.3	0.1	0.1	0.3	0.2	0.1	0.0
dentist (including orthodontist)	0.5	0.4	0.5	0.6	1.1	0.4	0.6	0.5	0.4	0.7	0.4	0.6	0.6	0.7	1.7
dietitian or home economist	0.4	0.4	0.2	0.5	0.2	0.4	0.4	0.2	0.2	0.1	0.2	0.6	0.1	0.3	0.0
engineer	2.6	1.9	2.2	4.5	4.5	2.0	0.6	2.4	3.2	1.2	0.6	4.4	4.6	2.9	7.1
farmer or rancher	0.1	0.2	0.1	0.1	0.0	0.2	0.4	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
foreign service worker	1.2	0.5	1.3	2.1	0.2	0.5	0.5	0.9	2.2	1.7	1.7	1.5	3.8	0.1	0.3
homemaker (full-time)	0.2	0.3	0.2	0.1	0.1	0.3	0.2	0.1	0.2	0.3	0.2	0.1	0.1	0.2	0.1
interior decorator (incl design)	0.9	0.7	0.9	1.1	0.8	0.4	3.0	0.7	1.2	0.8	1.0	1.2	0.5	1.1	0.3
intepreter (translator)	0.3	0.1	0.4	0.4	0.2	0.1	0.4	0.4	0.5	0.3	0.5	0.4	0.3	0.2	0.2
lab technician or hygienist	0.6	1.2	0.3	0.3	0.3	1.2	0.6	0.4	0.2	0.3	0.2	0.3	0.2	0.2	0.4
law enforcement officer	0.4	0.6	0.3	0.2	0.6	0.7	0.3	0.4	0.1	0.3	0.4	0.2	0.1	0.7	0.4
lawyer (attorney) or judge	5.4	3.7	5.5	7.9	9.0	3.7	4.0	4.6	6.9	6.4	7.6	6.9	11.1	7.9	11.0
military service (career)	0.2	0.1	0.3	0.2	0.3	0.1	0.1	0.4	0.3	0.1	0.1	0.2	0.1	0.4	0.2
musician (performer,composer)	0.7	0.4	0.9	0.9	0.8	0.3	1.4	0.7	1.0	1.7	0.3	0.8	1.2	0.9	0.7
nurse	4.8	7.7	3.4	2.7	4.0	8.1	4.5	3.8	1.8	3.0	4.4	3.0	1.6	3.8	4.2
optometrist	0.2	0.1	0.2	0.3	0.3	0.1	0.3	0.3	0.1	0.2	0.2	0.3	0.2	0.3	0.5
pharmacist	1.2	0.8	0.9	2.2	1.7	0.8	0.8	1.1	0.4	1.3	0.5	2.5	1.1	0.7	3.5
physician	3.6	1.5	3.8	6.7	6.3	1.5	1.4	2.5	5.1	6.4	4.4	5.8	9.8	2.4	12.7
school counselor	0.5	0.6	0.6	0.4	0.6	0.6	0.9	0.5	0.6	0.7	0.6	0.4	0.3	0.5	0.7
school principal/superintendent	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.2	0.1
scientific researcher	1.4	0.8	1.5	2.0	0.8	0.8	0.5	1.4	1.9	1.6	1.2	2.0	2.0	0.7	0.9
social,welfare,recreation worker	2.1	2.7	2.1	1.2	2.9	2.6	3.0	2.1	1.9	2.3	2.2	1.3	0.9	3.5	1.9
statistician	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0
therapist (phys,occup,speech)	3.8	4.0	3.8	3.3	1.6	4.0	4.3	4.2	2.7	3.0	4.7	3.7	2.0	1.6	1.7
teacher (elementary)	8.7	9.2	10.7	4.3	3.7	8.8	11.5	12.0	6.9	11.2	9.1	4.9	2.4	3.9	3.3
teacher (secondary)	3.5	2.7	4.6	3.0	2.2	2.7	2.6	4.8	3.5	5.5	3.5	3.2	2.1	2.5	1.6
veterinarian	1.0	1.0	0.8	1.4	0.6	0.9	1.1	0.7	1.0	0.9	0.7	1.7	0.4	0.5	0.8
writer or journalist	2.9	1.8	3.3	4.0	2.6	1.8	2.0	2.9	4.2	3.8	3.0	3.6	5.1	2.4	2.9
skilled trades	0.3	0.6	0.1	0.1	0.1	0.6	0.5	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
other career	9.5	11.9	8.5	7.6	8.8	12.0	11.3	8.4	9.3	8.0	8.3	7.9	6.6	9.1	8.2
undecided	13.0	10.9	13.4	15.6	5.8	10.8	12.1	12.4	16.6	13.0	14.0	14.9	17.8	5.7	5.8
Twin Status															
no	98.4	98.3	98.4	98.4	98.4	98.3	98.4	98.4	98.2	98.4	98.4	98.4	98.6	98.6	98.0
yes - identical	0.7	0.7	0.6	0.7	0.5	0.7	0.7	0.6	0.7	0.6	0.5	0.7	0.7	0.4	0.7
yes - fraternal	0.9	0.9	1.0	0.8	1.1	0.9	1.0	1.0	1.2	0.9	1.0	0.9	0.7	1.0	1.3

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Arts and Humanities															
art, fine and applied	2.3	2.0	2.6	2.3	0.5	1.6	5.0	2.1	4.9	1.8	2.7	2.5	1.9	0.4	0.5
English (language & literature)	1.7	0.8	2.2	2.3	1.5	0.8	0.7	1.5	4.1	2.7	2.2	1.9	3.4	1.5	1.6
history	0.6	0.2	0.8	0.8	0.3	0.2	0.5	0.5	1.5	0.9	1.0	0.6	1.4	0.3	0.4
journalism	1.8	1.2	1.8	2.7	1.6	1.1	1.4	1.8	1.8	1.9	1.7	2.5	3.5	1.3	2.2
language or literature	0.7	0.3	0.9	1.1	0.1	0.3	0.3	0.6	1.7	1.0	1.2	1.1	1.4	0.1	0.2
music	0.8	0.6	1.0	0.9	0.6	0.4	1.8	0.8	1.0	1.9	0.4	0.8	1.4	0.6	0.5
philosophy	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.3	0.2	0.1	0.2	0.2	0.0	0.0
speech	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.3	0.2	0.2
theater or drama	0.7	0.4	0.9	0.9	0.4	0.4	0.7	0.6	1.4	1.2	1.0	0.8	1.4	0.2	0.6
theology or religion	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.0	0.0
other arts and humanities	0.9	1.0	0.7	1.1	0.4	1.0	0.8	0.5	1.2	0.5	0.9	1.1	1.0	0.5	0.4
Biological Sciences															
biology (general)	1.7	0.9	2.1	2.5	3.1	1.0	0.3	1.4	2.8	3.0	2.9	2.2	3.3	1.7	5.5
biochemistry or biophysics	0.4	0.2	0.4	0.7	0.5	0.2	0.1	0.3	0.6	0.6	0.4	0.7	0.9	0.3	0.8
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
marine (life) science	0.5	0.3	0.7	0.6	0.0	0.3	0.4	0.8	0.5	0.5	0.7	0.7	0.3	0.0	0.1
microbiology or bacteriology	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.3	0.2	0.2	0.1
zoology	0.3	0.3	0.3	0.5	0.3	0.3	0.2	0.3	0.4	0.4	0.2	0.6	0.1	0.4	0.1
other biological sciences	0.5	0.3	0.5	0.6	0.5	0.3	0.6	0.4	0.7	0.5	0.5	0.6	0.6	0.6	0.5
Business															
accounting	6.5	7.0	7.0	4.8	9.5	7.5	3.5	8.4	4.2	5.4	6.6	5.1	4.0	11.1	6.6
business administration	5.7	6.7	5.3	4.7	9.6	6.6	7.5	5.7	4.0	5.0	5.7	4.7	4.7	12.0	5.5
finance	1.1	0.7	1.1	1.5	1.1	0.8	0.4	1.2	0.9	0.9	1.4	1.4	1.8	1.2	0.9
marketing	2.8	2.5	2.9	3.3	3.3	2.3	3.6	3.2	2.3	2.0	3.7	3.4	3.1	3.6	2.8
management	3.8	4.7	3.4	2.8	4.5	4.6	5.6	3.7	3.3	2.3	3.7	3.0	2.2	5.4	3.0
secretarial studies	1.7	4.3	0.4	0.0	0.4	4.5	3.0	0.4	0.4	0.2	0.1	0.1	0.0	0.6	0.1
other business	1.7	2.5	1.2	1.5	1.4	2.2	4.0	1.1	1.2	1.2	1.8	1.4	1.8	1.8	0.7
Education															
business education	0.3	0.4	0.3	0.1	0.6	0.4	0.2	0.4	0.2	0.2	0.2	0.1	0.0	0.8	0.2
elementary education	7.9	8.4	9.8	4.0	3.9	8.1	10.4	11.1	5.9	10.2	8.2	4.6	1.9	4.1	3.5
music or art education	0.5	0.4	0.6	0.3	0.3	0.3	0.7	0.6	0.4	0.9	0.4	0.4	0.3	0.3	0.2
physical education or recreation	0.8	0.9	0.9	0.4	0.4	0.8	1.2	0.9	0.8	0.9	0.5	0.5	0.1	0.5	0.1
secondary education	2.1	1.7	2.7	1.8	1.2	1.7	1.8	2.8	1.9	3.3	2.1	2.0	1.1	1.4	1.0
special education	1.1	1.1	1.3	0.5	0.7	1.1	1.7	1.5	0.8	1.0	1.2	0.5	0.4	0.9	0.2
other education	0.6	0.8	0.6	0.3	0.4	0.7	1.1	0.7	0.4	0.5	0.5	0.3	0.2	0.4	0.2
Engineering															
aeronautical/astronautical eng.	0.4	0.2	0.5	0.6	0.4	0.2	0.2	0.4	1.0	0.2	0.1	0.7	0.5	0.1	1.0
civil engineering	0.3	0.2	0.2	0.5	0.3	0.2	0.0	0.3	0.2	0.1	0.1	0.5	0.6	0.4	0.3
chemical engineering	0.4	0.2	0.4	0.8	0.8	0.3	0.1	0.4	0.4	0.3	0.2	0.9	0.8	0.4	1.6
electrical engineering	0.6	0.5	0.5	0.8	1.4	0.5	0.1	0.6	0.7	0.3	0.1	0.8	0.9	1.2	1.8
industrial engineering	0.2	0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.3	0.3	0.0	0.4
mechanical engineering	0.3	0.2	0.3	0.5	0.6	0.2	0.0	0.3	0.5	0.1	0.1	0.5	0.7	0.6	0.7
other engineering	0.7	0.7	0.5	1.1	0.8	0.8	0.1	0.6	0.5	0.3	0.1	1.0	1.5	0.7	0.9

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Physical Sciences															
astronomy	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.1	0.1	0.1
atmospheric science	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
chemistry	0.5	0.3	0.6	0.6	0.7	0.4	0.1	0.5	0.7	0.9	0.4	0.6	0.8	0.3	1.4
earth science	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
marine science	0.2	0.1	0.2	0.1	0.0	0.1	0.2	0.3	0.1	0.1	0.1	0.2	0.1	0.0	0.0
mathematics	0.6	0.3	0.7	0.9	0.3	0.3	0.1	0.6	0.9	0.8	0.9	0.8	1.1	0.1	0.6
physics	0.2	0.1	0.2	0.2	0.2	0.1	0.0	0.2	0.3	0.2	0.1	0.2	0.4	0.2	0.1
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other physical sciences	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Professional															
architecture or urban planning	0.7	0.7	0.3	1.3	0.1	0.8	0.1	0.3	0.4	0.2	0.2	1.4	1.0	0.0	0.4
home economics	0.4	0.3	0.4	0.7	0.4	0.3	0.3	0.5	0.1	0.3	0.2	0.9	0.2	0.6	0.1
health technology (med,dent,lab)	1.2	1.9	0.8	0.9	0.9	2.0	1.3	0.8	0.8	0.7	0.7	1.0	0.7	0.8	1.2
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	4.9	7.9	3.3	2.8	3.6	8.4	4.4	3.7	1.8	2.9	4.5	3.1	1.7	3.5	3.9
pharmacy	1.1	0.8	0.8	2.1	1.5	0.8	0.7	1.0	0.3	1.0	0.4	2.4	1.0	0.4	3.4
predent, premed, prevet	3.1	1.6	3.0	5.6	4.1	1.6	1.9	2.3	3.7	5.0	3.1	5.3	6.6	1.6	8.2
therapy (occup,phys,speech)	3.3	3.6	3.3	2.9	1.1	3.7	3.1	3.7	2.2	2.3	4.1	3.2	1.7	0.9	1.3
other professional	1.5	1.9	1.2	1.4	1.0	1.9	2.0	1.1	1.2	1.3	1.5	1.4	1.1	1.0	1.1
Social Sciences															
anthropology	0.2	0.1	0.2	0.3	0.0	0.1	0.1	0.2	0.4	0.2	0.1	0.4	0.3	0.0	0.0
economics	0.3	0.1	0.3	0.5	0.4	0.1	0.0	0.2	0.9	0.3	0.2	0.4	1.0	0.1	0.9
ethnic studies	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.1	1.2	3.7	5.1	3.7	1.2	1.3	2.9	5.5	4.2	4.7	4.1	8.7	2.9	5.2
psychology	6.3	5.1	7.2	6.5	7.4	5.2	4.7	6.9	7.2	7.7	8.1	6.7	6.0	7.5	7.3
social work	1.6	2.3	1.5	0.7	2.3	2.3	2.2	1.6	1.3	1.6	1.5	0.8	0.5	2.9	1.2
sociology	0.6	0.5	0.7	0.6	1.4	0.4	0.8	0.7	0.8	0.8	0.5	0.7	0.5	1.7	1.0
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.4	0.5	0.2	0.3	0.4	0.6	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.4	0.4
Technical															
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing	0.9	1.7	0.6	0.2	2.3	1.8	0.9	0.7	0.4	0.6	0.3	0.2	0.2	2.7	1.5
drafting or design	0.2	0.3	0.2	0.2	0.4	0.3	0.4	0.2	0.3	0.1	0.1	0.2	0.1	0.5	0.1
electronics	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
mechanics	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.2	0.4	0.1	0.0	0.0	0.4	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Other Fields															
agriculture	0.4	0.6	0.1	0.6	0.4	0.7	0.1	0.2	0.1	0.1	0.0	0.7	0.0	0.5	0.2
communications	3.0	2.2	3.3	3.6	4.7	2.2	2.1	3.0	3.4	4.1	3.4	3.2	5.0	4.4	5.2
computer science	1.0	1.0	1.2	0.6	4.2	1.1	0.4	1.4	1.1	1.0	0.6	0.7	0.5	4.5	3.7
forestry	0.1	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
law enforcement	1.0	1.6	0.7	0.5	1.6	1.7	1.1	0.8	0.5	0.6	0.9	0.6	0.4	1.8	1.1
military science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.9	2.9	1.4	1.3	1.6	2.6	4.4	1.2	1.8	1.4	1.3	1.4	0.9	1.8	1.2
undecided	7.9	6.1	8.3	10.1	3.1	5.9	7.4	8.1	9.5	7.8	8.3	9.9	10.7	2.9	3.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less	3.9	5.5	3.3	2.4	6.8	5.5	5.5	3.4	3.0	2.9	3.9	2.5	2.0	7.9	5.1
some high school	8.1	12.4	6.6	4.0	11.5	12.8	9.2	7.5	4.9	6.3	5.0	4.4	2.6	12.5	9.9
high school graduate	28.7	37.4	27.3	17.8	33.7	38.7	28.0	31.4	18.9	23.8	23.8	20.0	10.4	35.9	30.0
postsecondary other than college	5.1	5.0	5.6	4.4	5.4	4.9	5.5	6.3	4.3	4.9	5.2	4.9	3.0	5.6	5.0
some college	14.7	13.9	15.7	14.2	16.7	14.0	13.6	16.6	13.2	15.8	15.0	14.8	12.0	15.7	18.3
college degree	20.7	16.8	21.3	25.6	14.6	16.2	21.5	20.2	24.0	21.4	23.0	25.7	25.4	13.7	16.1
some graduate school	2.4	1.2	2.7	3.7	1.2	1.2	1.4	2.2	3.6	3.1	3.4	3.4	4.8	0.9	1.7
graduate degree	16.4	7.8	17.5	27.9	10.0	6.8	15.3	12.5	28.0	21.8	20.7	24.4	39.9	7.8	13.7
Father's Occupation (5)															
artist (including performer)	0.8	0.6	0.9	1.0	0.7	0.6	0.7	0.7	1.3	0.8	0.8	0.9	1.1	0.7	0.8
businessman	28.4	25.3	28.1	33.6	14.6	24.6	30.2	25.7	32.3	28.1	35.0	32.4	37.6	13.6	16.2
clergy or religious worker	1.0	0.6	1.5	0.6	2.5	0.3	2.2	1.0	1.6	3.8	0.3	0.5	1.0	2.7	2.0
college teacher or administrator	0.9	0.4	1.0	1.4	0.5	0.3	0.7	0.7	1.8	1.3	0.6	1.3	2.1	0.3	0.8
doctor or dentist	2.0	0.5	2.0	4.4	0.7	0.4	1.7	0.9	4.3	2.8	3.0	3.3	8.3	0.4	1.2
education (secondary)	3.5	2.4	4.0	4.2	3.6	2.4	2.5	3.8	4.0	4.6	4.1	4.3	3.6	3.1	4.5
education (elementary)	0.8	0.6	0.9	0.8	0.7	0.6	0.8	0.9	1.0	0.9	0.9	0.9	0.7	0.5	1.2
engineer	7.3	5.9	7.3	9.3	5.3	5.8	7.0	7.2	8.1	6.7	7.3	9.4	9.0	5.8	4.4
farmer or forester	3.0	3.4	2.7	3.1	0.4	3.1	4.9	3.0	1.4	3.3	2.1	3.6	1.3	0.3	0.6
health professional (non-M.D.)	1.1	1.0	1.1	1.4	1.3	1.0	1.0	1.1	1.1	1.1	1.0	1.5	1.1	1.2	1.5
lawyer	1.5	0.5	1.5	3.1	0.8	0.4	1.1	0.7	3.2	2.1	2.2	2.4	5.4	0.6	1.2
military (career)	1.7	1.3	2.1	1.8	3.2	1.2	1.9	2.5	1.5	2.0	1.3	1.8	1.7	3.5	2.6
research scientist	0.5	0.2	0.5	0.8	0.5	0.2	0.1	0.4	0.8	0.5	0.6	0.7	1.0	0.6	0.3
skilled worker	9.4	11.3	9.2	6.9	9.2	11.9	7.1	10.6	6.7	7.8	7.7	7.7	4.4	9.1	9.3
semi-skilled worker	4.4	6.1	3.9	2.8	5.6	6.5	3.5	4.5	2.6	3.6	3.0	3.0	1.7	5.8	5.3
laborer (unskilled)	3.5	5.3	2.8	2.0	4.3	5.6	3.5	3.2	1.9	2.5	2.7	2.2	1.1	4.4	4.0
unemployed	2.7	3.3	2.7	1.9	5.7	3.4	2.3	2.7	2.5	2.7	2.5	2.0	1.4	4.9	7.1
other	27.5	31.4	27.8	21.1	40.4	31.7	28.9	30.1	23.8	25.5	25.1	22.1	17.5	42.4	37.2
Father's Religious Preference															
Baptist	15.5	14.8	19.2	10.4	58.4	13.5	24.1	22.4	12.6	24.6	3.0	10.5	9.9	61.5	53.8
Buddhist	0.4	0.4	0.3	0.7	0.1	0.4	0.6	0.2	0.6	0.3	0.4	0.6	1.2	0.1	0.2
Congregational	1.1	0.6	1.2	1.5	0.6	0.6	0.6	0.9	2.2	1.0	0.7	1.7	1.2	0.7	0.5
Eastern Orthodox	0.8	1.1	0.5	0.8	0.1	1.2	0.6	0.5	0.8	0.2	0.6	0.8	0.8	0.1	0.0
Episcopal	2.6	2.1	2.7	3.3	1.6	1.9	3.8	2.1	4.3	3.2	2.0	3.1	4.1	1.7	1.4
Islamic	0.4	0.4	0.3	0.4	1.6	0.4	0.1	0.2	0.6	0.3	0.2	0.4	0.6	1.7	1.6
Jewish	3.0	2.2	1.8	6.3	0.1	2.2	2.1	1.3	4.7	0.7	0.7	5.6	8.5	0.0	0.2
LDS (Mormon)	0.2	0.2	0.2	0.3	0.0	0.2	0.1	0.3	0.3	0.2	0.1	0.3	0.2	0.0	0.0
Lutheran	7.1	7.0	7.0	7.5	0.5	6.7	9.6	7.7	4.0	9.2	4.7	8.3	4.9	0.2	0.9
Methodist	10.8	11.0	11.1	9.7	10.1	11.0	11.0	12.8	8.2	12.7	3.7	10.4	7.5	9.8	10.4
Presbyterian	5.6	5.3	5.5	6.1	1.9	5.4	5.0	5.2	6.2	7.3	2.8	6.1	6.3	1.9	1.9
Quaker	0.2	0.3	0.2	0.2	0.0	0.3	0.1	0.1	0.4	0.2	0.2	0.2	0.2	0.0	0.1
Roman Catholic	33.8	37.6	30.3	34.4	8.4	39.2	25.7	28.8	29.8	14.0	70.4	33.6	37.1	6.1	11.7
Seventh Day Adventist	0.4	0.4	0.5	0.2	0.5	0.4	0.1	0.3	0.2	1.5	0.2	0.2	0.2	0.6	0.4
other Protestant	5.0	4.7	5.8	4.1	1.7	4.8	4.0	4.2	8.9	9.2	2.9	4.2	4.0	1.9	1.4
other religion	4.3	4.4	4.7	3.5	5.6	4.1	6.8	4.2	5.0	7.1	2.0	3.5	3.4	5.8	5.2
none	8.7	7.4	8.8	10.3	8.8	7.6	5.6	8.7	11.1	8.4	5.4	10.5	9.8	7.8	10.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less	3.0	4.5	2.2	2.0	3.7	4.5	4.8	2.2	2.2	1.7	3.5	2.0	2.0	4.2	3.0
some high school	6.4	9.7	5.3	3.2	9.3	10.2	6.6	6.1	3.6	4.7	4.1	3.5	2.1	11.0	6.3
high school graduate	34.9	43.8	32.9	24.6	29.8	45.2	33.2	37.5	23.6	27.4	31.2	27.1	15.6	33.1	24.3
postsecondary other than college	8.3	8.0	8.6	8.0	6.6	8.1	7.3	9.2	7.4	7.6	9.4	8.5	6.2	6.8	6.2
some college	16.9	13.9	18.8	18.4	22.1	13.3	18.4	19.0	17.9	20.4	16.7	18.5	17.9	21.8	22.7
college degree	18.4	13.2	19.3	25.1	14.7	12.4	18.5	16.4	24.8	22.6	21.8	23.5	30.5	12.6	18.4
some graduate school	2.8	1.5	3.1	4.4	2.4	1.4	1.8	2.4	4.5	3.7	3.7	3.8	6.3	1.9	3.2
graduate degree	9.3	5.4	9.8	14.4	11.3	4.9	9.5	7.3	16.0	11.9	9.6	12.9	19.5	8.6	15.9
Mother's Career (5)															
artist (including performer)	1.4	0.9	1.5	2.2	0.4	0.8	1.1	1.0	2.8	1.6	1.7	2.0	2.9	0.4	0.5
businesswoman	14.2	13.4	14.1	15.4	12.6	13.0	16.5	14.1	15.0	13.4	13.9	15.3	15.7	12.1	13.4
business (clerical)	11.5	12.4	11.6	10.0	9.1	13.0	8.0	12.9	9.4	10.3	10.1	10.7	7.7	9.5	8.4
clergy or religious worker	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.4	0.1	0.1	0.2	0.2	0.1
college teacher or administrator	0.3	0.1	0.4	0.6	0.5	0.0	0.3	0.3	1.0	0.5	0.3	0.5	1.0	0.3	0.8
doctor or dentist	0.3	0.2	0.3	0.6	0.2	0.2	0.3	0.2	0.7	0.4	0.4	0.4	1.1	0.2	0.4
education (secondary)	3.7	2.3	4.1	5.0	5.1	2.2	2.9	3.5	5.4	4.9	3.5	4.7	6.1	4.0	7.1
education (elementary)	6.5	4.6	7.2	8.3	7.2	4.4	6.1	6.5	7.9	9.0	6.7	8.1	9.0	6.0	9.2
engineer	0.2	0.2	0.2	0.3	0.4	0.2	0.1	0.1	0.3	0.2	0.1	0.3	0.2	0.3	0.5
farmer or forester	0.3	0.4	0.3	0.3	0.0	0.4	0.6	0.3	0.2	0.3	0.2	0.3	0.1	0.0	0.0
health professional (non-M.D.)	2.0	1.8	2.0	2.3	2.5	1.9	1.2	2.0	2.0	1.9	1.9	2.2	2.6	2.5	2.3
homemaker (full-time)	16.7	17.5	16.0	16.7	6.3	17.3	19.3	14.7	17.2	17.2	20.3	15.8	19.8	6.3	6.3
lawyer	0.2	0.0	0.2	0.4	0.4	0.0	0.0	0.2	0.6	0.2	0.2	0.3	0.8	0.3	0.4
nurse	7.6	7.2	7.7	7.8	8.8	7.4	5.9	7.9	6.7	7.5	9.2	8.0	7.1	9.4	7.8
research scientist	0.1	0.0	0.1	0.2	0.0	0.0	0.1	0.1	0.3	0.1	0.1	0.2	0.3	0.0	0.1
social,welfare,recreation worker	1.4	1.2	1.5	1.5	3.4	1.1	1.6	1.4	2.0	1.7	1.2	1.5	1.5	3.2	3.6
skilled worker	1.8	1.9	1.9	1.5	2.5	1.9	1.5	2.0	1.5	1.9	1.6	1.6	1.2	2.6	2.4
semi-skilled worker	2.8	3.9	2.3	2.0	2.8	4.2	2.0	2.7	1.5	2.0	2.0	2.2	1.3	3.3	2.0
laborer (unskilled)	2.1	3.0	1.8	1.2	2.1	3.1	2.0	2.2	1.1	1.5	1.8	1.3	0.7	2.4	1.7
unemployed	5.4	6.6	4.9	4.5	8.5	6.6	6.7	5.0	4.8	4.5	4.9	4.5	4.4	9.1	7.6
other	21.3	22.3	21.6	19.1	26.9	22.1	23.6	22.8	19.6	20.6	19.7	20.0	16.2	27.8	25.4
Mother's Religious Preference															
Baptist	16.2	15.2	20.2	10.8	58.5	14.0	24.0	23.6	13.1	25.5	3.2	10.9	10.3	62.2	52.9
Buddhist	0.5	0.4	0.4	0.8	0.3	0.4	0.8	0.3	0.6	0.3	0.4	0.7	1.3	0.3	0.4
Congregational	1.2	0.8	1.3	1.8	1.0	0.8	0.8	1.0	2.5	1.1	0.6	1.9	1.3	1.1	0.9
Eastern Orthodox	0.7	1.0	0.4	0.7	0.1	1.1	0.4	0.4	0.7	0.2	0.5	0.7	0.7	0.1	0.0
Episcopal	3.0	2.3	3.1	3.9	2.2	2.0	4.4	2.4	5.1	3.5	2.0	3.7	4.6	2.6	1.7
Islamic	0.3	0.3	0.2	0.3	0.6	0.3	0.1	0.1	0.4	0.2	0.1	0.3	0.5	0.5	0.8
Jewish	2.8	2.2	1.6	6.0	0.1	2.2	1.8	1.2	4.3	0.5	0.3	5.4	7.8	0.1	0.1
LDS (Mormon)	0.3	0.4	0.2	0.4	0.0	0.4	0.3	0.3	0.3	0.1	0.1	0.4	0.2	0.0	0.0
Lutheran	7.2	7.4	7.0	7.4	0.8	7.1	9.9	7.6	4.1	9.5	4.0	8.2	4.9	0.5	1.3
Methodist	11.5	11.8	11.9	10.3	11.9	11.7	12.2	13.6	9.0	13.7	3.9	10.9	8.1	10.8	13.5
Presbyterian	5.7	5.1	5.7	6.6	2.3	5.0	5.7	5.3	6.6	7.6	3.1	6.6	6.9	2.5	2.0
Quaker	0.2	0.3	0.2	0.2	0.1	0.3	0.0	0.2	0.5	0.3	0.2	0.2	0.2	0.0	0.2
Roman Catholic	34.9	38.5	31.2	35.8	9.0	40.3	25.6	29.5	31.0	14.3	73.8	34.8	39.0	6.5	12.8
Seventh Day Adventist	0.5	0.5	0.6	0.2	0.7	0.5	0.2	0.4	0.3	1.6	0.2	0.2	0.2	0.8	0.6
other Protestant	5.3	5.0	6.1	4.4	1.8	5.2	3.6	4.5	9.3	9.9	3.0	4.4	4.3	1.8	1.9
other religion	4.9	5.0	5.4	4.0	8.0	4.7	7.5	5.1	5.7	7.9	2.1	4.0	3.8	7.9	8.1
none	4.8	3.9	4.6	6.5	2.6	4.1	2.5	4.5	6.5	3.6	2.5	6.6	5.8	2.4	2.9

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Deciding to Go to College															
parents wanted me to go	36.2	36.6	37.1	33.9	52.2	35.9	41.6	37.1	35.5	38.9	37.5	34.0	33.5	52.9	51.0
could not find a job	7.5	9.7	6.6	5.6	11.8	9.9	8.2	7.2	5.3	6.6	6.0	6.0	4.2	11.7	11.9
wanted to get away from home	15.5	11.2	17.7	18.4	25.3	10.5	16.6	17.4	18.1	17.8	18.2	18.4	18.3	26.3	23.5
get a better job	76.3	79.4	75.1	73.7	80.6	80.1	74.7	78.3	68.3	72.4	72.8	75.6	66.7	80.1	81.4
gain general education	68.9	65.0	69.9	73.3	80.7	64.8	66.6	67.7	74.7	71.8	71.7	71.8	78.3	80.3	81.3
improve reading and study skills	44.4	45.0	44.4	43.4	66.9	44.5	48.9	43.7	44.8	46.0	45.5	43.5	43.0	67.5	65.9
nothing better to do	1.9	2.0	1.9	1.8	3.7	2.0	2.2	1.8	2.0	2.0	1.8	1.8	1.9	3.3	4.4
become a more cultured person	40.8	34.5	42.5	47.8	57.2	33.8	39.1	38.6	49.5	47.0	45.6	45.4	56.0	53.7	63.2
make more money	69.3	72.6	67.5	66.9	81.5	73.1	69.6	72.3	58.7	61.6	65.4	69.1	59.2	81.3	81.8
learn more about things	76.2	73.3	76.1	80.9	80.8	73.0	75.1	74.3	80.5	77.2	77.2	80.0	84.2	80.0	82.1
prepare for graduate school	55.1	52.8	54.1	60.5	77.6	52.0	58.4	52.6	55.7	57.4	54.7	59.5	64.2	74.5	82.8
Reasons Noted as Very Important in Selecting This College															
relatives wanted me to come	9.3	10.1	9.4	7.9	13.6	10.0	11.2	9.3	8.8	10.7	8.7	7.8	8.1	13.2	14.3
advice of teacher	3.6	4.3	3.6	2.5	5.7	4.3	5.0	3.4	4.2	3.7	3.7	2.4	2.9	5.7	5.8
good academic reputation	54.9	46.0	56.2	66.5	53.3	46.2	45.0	50.3	66.4	61.7	64.7	63.0	78.7	42.8	70.7
good social reputation	22.3	18.4	21.2	30.4	26.4	18.0	21.7	19.2	22.9	24.1	25.9	31.5	26.6	25.5	28.0
offered financial assistance	24.7	21.5	29.9	20.3	35.2	20.0	31.8	24.3	33.1	42.4	37.3	17.2	31.1	32.0	40.4
offers special programs	23.0	22.4	24.1	22.1	34.0	21.7	27.9	22.3	27.1	27.2	24.3	21.3	24.9	29.1	42.1
low tuition	23.3	25.6	23.2	20.0	27.3	27.8	10.0	34.4	8.0	7.6	7.3	24.7	3.4	33.9	16.1
advice of guidance counselor	7.3	9.4	6.9	4.7	11.2	9.1	11.5	7.1	6.9	5.9	6.9	4.9	4.3	12.2	9.7
wanted to live near home	22.5	28.8	21.8	13.8	20.5	30.0	20.3	26.0	14.1	16.0	20.5	15.2	9.2	24.6	13.7
friend suggested attending	8.7	9.7	8.9	6.7	11.2	9.4	11.9	9.3	7.4	9.5	8.3	7.1	5.2	11.9	10.0
recruited by college rep	3.3	2.9	4.3	1.9	8.0	2.1	8.8	2.8	5.0	8.3	5.8	1.7	2.6	7.7	8.5
recruited by athletic department	2.6	2.2	3.2	2.0	2.4	1.6	7.0	2.7	3.6	4.5	4.1	1.9	2.3	2.6	2.1
graduates go to top grad schools	25.1	21.9	24.0	32.0	29.9	21.8	22.6	19.4	31.4	29.8	28.7	28.9	42.8	21.8	43.4
graduates get good jobs	44.0	41.4	43.1	49.4	47.0	42.2	36.1	39.5	48.3	46.0	51.3	47.0	57.6	39.3	59.6
not offered aid by first choice	5.3	4.6	5.9	5.5	8.8	4.6	4.2	6.4	4.2	5.7	5.8	5.9	4.1	9.2	8.2
religious affiliation of college	4.9	2.7	7.8	3.1	7.5	1.2	12.9	1.9	10.8	22.9	12.4	1.0	10.6	5.8	10.1
size of college	35.9	27.6	47.7	28.2	37.5	24.2	51.1	40.3	53.8	60.8	59.4	23.2	45.5	33.7	43.9
Residence Preferred During Fall Term															
with parents or relatives	14.2	23.7	11.6	6.3	14.2	25.0	15.4	12.5	9.1	10.8	12.6	6.8	4.4	14.6	13.5
other private home,apt,room	32.9	37.4	31.5	29.3	41.8	37.7	35.4	36.4	23.6	27.0	24.2	32.8	17.4	45.6	36.3
college dormitory	38.5	24.7	43.2	48.3	28.7	23.0	36.0	36.4	54.7	50.3	50.0	43.5	64.6	23.1	36.8
fraternity or sorority house	5.8	4.0	5.3	9.1	3.9	3.7	6.2	5.8	4.3	5.2	4.0	9.6	7.7	3.6	4.2
other campus housing	6.2	6.0	6.6	5.7	9.2	6.2	4.1	6.9	6.8	4.9	7.8	5.9	5.2	10.4	7.5
other	2.4	4.2	1.8	1.2	2.3	4.4	2.9	2.0	1.6	1.7	1.4	1.3	0.8	2.7	1.7
Residence Planned During Fall Term															
with parents or relatives	30.6	56.2	19.2	11.1	14.6	60.9	21.0	25.0	9.0	9.9	18.4	12.6	5.7	13.4	16.8
other private home,apt,room	6.9	13.2	3.4	3.2	3.6	14.5	3.4	4.7	1.5	1.9	2.0	3.9	0.9	2.7	5.2
college dormitory	58.5	24.3	74.7	83.3	78.0	17.6	73.9	66.8	87.8	86.2	78.5	81.1	91.0	81.3	72.3
fraternity or sorority house	0.2	0.1	0.2	0.2	0.5	0.1	0.1	0.2	0.2	0.3	0.1	0.2	0.2	0.4	0.8
other campus housing	3.0	4.4	2.2	1.9	2.3	4.9	1.0	2.9	1.4	1.4	0.8	1.9	2.1	1.0	4.6
other	0.8	1.8	0.3	0.2	0.9	2.0	0.5	0.4	0.2	0.2	0.1	0.3	0.1	1.2	0.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family	79.3	69.2	83.9	87.6	75.6	67.5	82.2	81.6	88.3	86.3	86.4	86.5	91.2	72.5	81.0
spouse	1.2	2.1	0.9	0.4	1.2	2.2	1.1	1.0	0.6	0.7	0.6	0.5	0.2	1.4	0.9
savings from summer work	52.7	43.3	55.3	63.2	34.8	43.2	43.8	54.4	57.0	53.7	61.6	64.5	58.7	34.4	35.7
other savings	28.6	24.8	29.0	34.0	20.4	24.8	24.6	28.2	30.3	28.7	32.1	34.0	34.0	19.5	21.8
part-time job on campus	21.1	13.7	25.7	24.8	23.0	12.4	23.6	20.4	33.1	32.7	32.6	23.1	31.0	17.8	32.1
other part-time job while at col	25.6	32.3	22.6	19.9	19.6	33.8	21.0	25.6	16.4	18.2	23.8	21.8	13.3	18.6	21.4
full-time job while at college	1.8	2.1	2.0	1.1	4.7	2.2	1.6	2.5	1.0	1.5	1.3	1.2	0.6	4.7	4.8
Pell Grant	23.0	27.3	23.3	15.7	41.4	27.3	27.4	22.0	22.5	28.6	24.3	15.6	15.9	39.0	45.5
Supp Educational Oppty Grant	6.2	5.3	7.2	6.0	12.7	5.0	7.5	5.5	8.5	10.9	8.7	5.2	8.6	9.3	18.7
state scholarship or grant	15.6	13.1	18.4	14.7	15.4	12.0	21.4	15.7	18.5	26.1	21.8	14.7	14.6	14.4	17.2
College Work-Study Grant	11.3	8.1	14.1	11.6	17.4	7.3	13.8	8.4	20.2	22.7	23.2	9.1	20.2	10.7	29.0
other college grant	21.7	12.5	29.8	22.3	19.2	10.2	29.6	21.1	36.9	47.3	41.0	17.8	38.1	14.5	27.4
other private grant	9.5	6.0	11.5	11.5	9.1	5.4	10.6	8.8	14.4	17.4	12.7	10.1	16.2	7.1	12.5
other govt aid (ROTC,BIA,GI,etc)	1.4	1.3	1.6	1.3	3.1	1.3	1.6	1.8	1.4	1.5	1.1	1.2	1.5	3.0	3.1
Federal Guaranteed Student Loan	22.8	23.1	24.3	19.7	32.4	23.2	22.7	18.9	29.4	32.8	34.0	17.6	27.0	28.1	39.9
National Direct Student Loan	2.3	2.0	2.5	2.6	4.3	1.8	3.3	1.8	3.4	3.4	3.4	2.3	3.5	3.8	5.2
other college loan	7.6	6.4	8.3	8.3	9.1	6.0	9.7	6.0	11.0	11.9	11.8	7.0	12.9	8.0	10.9
other loan	6.5	5.7	7.2	6.5	8.1	5.4	7.4	6.0	8.7	8.9	9.2	6.2	7.5	7.7	8.8
other	3.2	2.6	3.6	3.2	3.0	2.6	2.7	3.5	3.7	4.1	3.7	3.1	3.5	2.4	4.0
Received $1,500 or More From															
parents or family	52.9	36.8	58.0	69.7	38.4	34.0	57.7	51.3	70.8	61.7	69.5	66.9	79.7	35.4	43.7
spouse	0.2	0.3	0.2	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.1	0.3	0.4
savings from summer work	4.9	2.8	5.2	7.9	1.0	2.8	2.5	4.1	7.0	5.3	8.9	7.8	8.2	0.8	1.2
other savings	4.9	3.3	5.1	7.2	1.9	3.2	3.9	4.0	7.2	5.7	6.7	6.6	9.3	1.8	2.1
part-time job on campus	0.9	0.2	0.9	1.9	1.3	0.2	0.3	0.4	1.4	1.2	2.2	1.2	4.3	0.7	2.2
other part-time job while at col	1.0	1.0	0.9	1.1	0.8	1.0	1.1	0.8	1.0	0.7	1.5	1.0	1.1	0.9	0.7
full-time job while at college	0.4	0.5	0.3	0.3	0.9	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.9	0.8
Pell Grant	6.0	5.4	7.0	5.2	15.0	4.9	8.7	5.9	7.5	10.1	7.5	4.9	6.3	12.1	20.2
Supp Educational Oppty Grant	1.0	0.6	1.3	1.2	2.9	0.5	1.1	0.6	2.2	2.3	2.1	0.7	3.1	1.9	4.6
state scholarship or grant	3.4	1.7	4.7	3.6	3.1	1.1	6.1	3.1	5.5	8.6	7.4	3.0	5.7	2.7	3.9
College Work-Study Grant	1.0	0.4	1.1	2.0	2.0	0.3	1.0	0.5	1.9	1.6	2.7	1.2	4.8	1.1	3.6
other college grant	9.0	2.4	14.2	10.6	8.0	1.4	9.8	5.6	24.6	27.9	24.8	5.9	27.2	3.5	16.0
other private grant	2.2	1.1	2.7	3.0	2.1	1.0	2.3	1.6	4.2	4.9	3.4	2.1	5.9	1.4	3.5
other govt aid (ROTC,BIA,GI,etc)	0.7	0.5	0.8	0.8	1.4	0.4	0.6	1.0	0.9	0.5	0.5	0.7	1.2	1.5	1.3
Federal Guaranteed Student Loan	13.1	12.6	14.4	11.7	19.7	12.7	12.3	9.6	19.7	21.3	22.3	9.7	18.8	15.0	27.9
National Direct Student Loan	0.8	0.7	0.9	0.9	1.6	0.7	1.2	0.5	1.5	1.2	1.5	0.6	1.9	1.4	2.1
other college loan	3.4	2.5	3.8	4.2	3.8	2.2	4.2	2.3	5.9	5.9	5.7	3.1	8.0	2.8	5.6
other loan	3.5	2.6	4.0	3.8	4.8	2.4	4.1	3.0	5.5	5.2	5.4	3.5	5.1	4.7	5.2
other	1.2	0.8	1.5	1.4	1.4	0.8	1.4	1.3	1.9	1.9	1.6	1.2	2.0	0.9	2.2
Concern about Financing College															
no concern	32.2	33.3	30.7	32.9	21.4	31.9	43.7	31.1	32.0	28.6	29.5	32.3	35.0	21.3	21.5
some concern	52.7	52.0	53.6	52.4	55.2	53.1	44.0	53.9	51.8	54.6	53.6	52.9	50.6	55.9	53.9
major concern	15.1	14.6	15.7	14.7	23.4	15.0	12.4	15.0	16.2	16.8	16.9	14.8	14.4	22.7	24.6

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Students Estimate Chances Are Very Good That They Will															
change major field	14.2	10.3	14.7	19.5	9.3	10.2	11.7	14.4	16.3	13.9	15.6	19.4	19.5	8.8	10.2
change career choice	13.7	9.7	14.2	19.4	7.2	9.3	12.3	13.3	16.5	14.2	15.0	19.2	20.1	6.6	8.3
fail one or more courses	1.2	1.7	1.0	1.0	1.7	1.7	1.6	1.1	1.0	1.0	0.7	1.0	0.8	1.6	2.0
graduate with honors	11.8	9.1	13.2	13.5	21.9	9.0	9.3	12.2	14.5	15.9	12.3	12.7	16.4	20.0	25.3
be elected to student office	3.3	3.0	3.6	3.3	9.2	2.9	4.0	3.1	4.5	4.7	3.7	3.0	4.7	8.0	11.4
get job to pay expenses	37.9	36.1	38.7	39.4	30.0	37.0	29.3	38.6	38.7	37.7	41.0	39.3	39.7	28.8	32.1
work full-time while attending	3.7	4.9	3.7	1.9	5.8	5.1	3.1	4.6	2.1	2.5	2.6	2.1	1.4	6.5	4.6
join social frat or sorority	19.9	12.4	22.0	28.0	30.0	11.6	18.1	20.3	23.7	27.0	20.7	26.2	33.8	27.9	33.5
play varsity athletics	10.4	9.2	12.3	8.9	10.8	8.3	15.1	9.8	16.8	14.8	15.6	8.5	10.1	11.7	9.2
be elected to an honor society	7.7	5.0	9.3	9.2	16.0	4.8	6.0	8.2	10.3	12.2	8.5	8.4	12.2	13.6	20.2
make at least "B" average	40.7	34.6	42.6	47.1	47.0	35.1	30.9	40.7	46.0	45.2	43.5	45.0	54.5	44.9	50.5
need extra time for degree	7.5	7.0	7.8	7.9	10.9	6.8	8.3	8.9	5.5	6.9	6.7	8.6	5.4	11.6	9.7
get tutoring in some courses	14.3	14.7	14.9	12.7	28.0	14.0	19.8	15.8	13.2	13.3	15.4	13.4	10.4	26.8	29.9
work at outside job	22.9	27.0	21.3	19.1	16.2	28.3	17.8	24.2	15.7	16.6	22.2	20.1	15.5	16.3	16.1
seek vocational counseling	4.8	3.3	5.0	6.7	6.0	3.3	3.4	4.4	6.3	5.6	5.5	6.4	7.7	5.8	6.3
seek individual counseling	3.8	3.5	4.1	3.4	7.9	3.4	4.7	3.9	4.5	4.4	4.5	3.5	3.2	7.7	8.3
get bachelor's degree	70.1	54.6	77.4	81.6	75.7	54.8	52.6	76.2	80.7	77.5	78.0	80.5	85.1	73.6	79.3
participate in student protests	7.1	4.3	8.2	9.4	14.0	4.0	5.7	6.6	13.0	8.5	8.0	8.8	11.7	11.3	18.8
drop out temporarily	1.0	1.2	0.9	0.6	1.7	1.2	0.9	0.9	0.8	0.9	0.9	0.7	0.5	1.6	2.0
drop out permanently	0.7	0.9	0.7	0.4	1.7	0.9	1.0	0.7	0.5	0.9	0.7	0.4	0.3	1.5	2.1
transfer to another college	12.6	18.0	11.6	5.8	12.9	17.5	21.3	13.8	7.3	10.1	8.0	6.5	3.1	14.7	10.0
be satisfied with college	53.8	48.3	54.6	61.1	47.4	47.7	52.7	50.2	61.6	61.0	58.5	58.6	69.6	42.4	56.1
find job in own field	72.1	70.4	72.6	74.0	69.8	70.7	68.6	73.8	69.2	72.6	71.4	74.1	73.6	68.5	72.1
marry while in college	6.0	6.2	6.7	4.5	6.7	6.2	5.7	7.7	4.5	6.8	3.9	5.0	2.7	7.4	5.6
buy computer in next 12 months	11.0	8.1	11.2	15.4	13.9	8.3	6.7	10.1	15.5	10.5	11.1	13.8	21.0	13.0	15.5
Objectives Considered to Be Essential or Very Important															
achieve in a in performing art	11.5	9.8	12.4	12.4	15.5	9.1	14.4	10.9	15.7	14.8	11.5	11.7	14.8	15.2	16.1
become authority in my field	64.1	60.0	65.1	68.5	77.6	59.6	63.1	66.2	64.4	63.7	62.2	68.4	69.0	77.4	78.0
obtain recog from colleagues	54.0	50.3	55.1	58.0	66.9	49.9	53.7	55.9	54.6	52.1	56.2	58.3	57.3	65.9	68.5
influence political structure	17.7	15.0	18.7	20.3	32.4	14.5	19.3	17.1	22.0	19.9	19.9	19.3	23.9	30.2	36.1
influence social values	46.1	41.7	49.4	47.0	59.8	40.6	49.6	47.8	50.8	53.4	49.7	46.4	49.4	57.8	63.2
raise a family	69.0	67.9	69.6	69.6	63.6	67.5	70.4	68.7	69.4	71.5	72.7	69.0	71.8	62.5	65.4
have admin responsibility	42.6	43.8	41.8	41.8	59.3	43.5	46.3	43.7	37.7	39.9	41.9	42.6	39.1	60.1	57.9
be very well off financially	71.9	75.2	69.6	70.8	87.3	75.7	71.9	73.5	63.7	62.2	70.1	72.3	65.6	87.8	86.6
help others in difficulty	68.7	67.4	70.4	67.7	78.3	66.9	70.7	69.6	70.2	73.3	71.4	67.5	68.3	77.2	80.0
theoretical contrib to science	14.1	13.3	13.5	16.7	22.5	13.5	11.5	12.9	14.4	14.9	12.3	17.1	15.4	18.4	29.4
write original works	12.7	10.4	14.0	13.7	15.7	10.4	11.0	12.5	17.1	16.1	13.7	13.3	15.2	13.7	19.1
create artistic work	12.6	11.8	12.7	13.6	12.8	11.2	16.0	11.3	16.6	13.1	13.0	13.7	13.0	12.2	13.8
be successful in own business	40.8	43.3	39.3	39.5	63.3	42.6	48.4	40.1	38.3	36.9	39.8	40.5	36.1	64.0	62.1
be involved in environ clean-up	24.3	22.2	24.8	26.8	33.0	21.5	26.8	22.7	30.1	26.6	24.0	26.2	28.6	30.8	36.7
develop philosophy of life	41.6	36.8	43.2	46.3	58.9	36.1	42.1	40.6	48.2	47.3	42.4	44.7	51.5	57.2	61.8
participate in community action	25.9	21.7	27.9	29.1	47.3	20.8	28.1	25.2	32.0	32.7	28.1	27.5	34.5	44.0	52.8
promote racial understanding	37.6	32.1	40.6	40.9	75.1	31.4	37.1	38.3	46.9	42.6	39.0	39.6	45.3	72.9	78.8
keep up to date with politics	36.0	27.1	38.2	46.2	47.0	26.2	33.7	35.2	45.3	40.1	40.1	43.8	54.7	43.5	52.8

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Political Views															
far left	1.5	1.8	1.5	1.2	3.4	1.7	1.9	1.5	1.7	1.5	1.2	1.2	1.1	3.5	3.3
liberal	23.7	20.2	24.3	28.0	32.7	20.1	20.9	23.0	29.7	23.2	23.6	28.0	28.3	30.2	36.9
middle of the road	57.1	61.7	55.8	52.5	46.7	62.1	58.6	58.8	49.7	50.8	57.7	53.8	47.8	47.9	44.8
conservative	16.7	15.2	17.5	17.7	15.1	14.9	17.2	15.8	18.1	23.5	16.8	16.4	22.2	15.9	13.9
far right	0.9	1.1	0.9	0.6	2.0	1.1	1.4	0.9	0.8	1.1	0.7	0.6	0.7	2.6	1.1
Agrees Strongly or Somewhat															
govt not protecting consumer	71.5	72.8	71.8	68.9	78.2	72.9	72.0	71.9	72.5	71.1	71.7	69.3	67.4	77.7	79.0
govt not promoting disarmament	76.2	73.9	77.4	77.7	80.2	74.0	73.5	76.7	79.5	76.2	79.4	77.7	77.8	78.4	83.1
govt not controlling pollution	87.6	85.1	88.5	90.2	83.1	85.4	83.3	88.0	89.7	88.7	88.6	89.9	91.1	81.8	85.2
raise taxes to reduce deficit	25.5	23.0	25.2	30.2	23.0	22.6	25.4	23.2	29.4	27.1	25.7	29.3	33.4	21.7	25.1
too much concern for criminals	65.5	65.9	65.8	64.4	55.4	66.1	64.3	66.9	62.4	66.2	65.0	64.9	62.8	53.1	59.2
increase fed military spending	19.6	24.5	18.7	13.7	28.5	24.2	26.1	20.0	15.8	19.3	15.2	14.0	12.6	30.6	25.1
abortion should be legalized	65.5	62.8	64.1	72.4	72.8	62.9	62.0	65.9	69.1	56.5	56.1	73.6	68.1	72.4	73.4
abolish death penalty	23.8	22.0	24.7	25.1	37.2	22.0	22.6	22.6	28.9	25.0	29.3	24.2	28.2	36.9	37.7
sex OK if people like each other	36.4	38.7	33.7	37.6	28.5	39.4	34.1	35.0	36.9	25.8	32.9	39.1	32.3	29.3	27.1
married women best in home	20.4	23.7	20.0	16.0	31.0	23.4	25.9	20.4	18.8	20.4	19.7	16.5	14.3	31.9	29.7
live together before marriage	45.0	48.3	41.5	46.1	46.1	49.0	43.4	43.8	44.8	30.9	39.7	47.9	39.8	49.2	41.0
marijuana should be legalized	13.7	13.6	12.9	15.4	13.2	13.3	16.0	12.4	16.4	11.1	12.7	15.9	13.7	13.5	12.7
busing OK to achieve balance	56.0	56.7	55.6	55.6	64.9	57.0	54.2	54.7	58.3	55.1	56.9	56.2	53.5	65.3	64.4
prohibit homosexual relations	35.1	40.5	34.9	27.1	36.8	39.6	46.5	36.4	29.2	38.8	29.2	28.0	23.9	38.6	34.0
no endow investment in S Africa	44.2	37.8	46.1	50.9	52.1	38.0	36.6	43.2	53.2	47.6	47.8	48.6	58.7	47.3	59.7
college increases earning power	66.8	74.3	64.3	59.7	74.4	74.8	71.1	69.2	55.0	59.3	61.0	62.4	50.5	74.7	73.8
employers can require drug tests	78.9	79.5	79.7	76.4	81.2	79.4	80.5	80.8	75.2	82.8	76.5	76.1	77.2	80.6	82.2
control AIDS by mandatory tests	67.5	73.1	65.8	61.5	66.3	73.2	72.3	68.1	60.2	64.2	65.0	63.0	56.4	66.8	65.5
man not entitled to sex on date	92.8	90.4	93.5	95.3	88.8	90.1	92.3	93.3	94.1	93.9	93.2	95.0	96.1	88.0	90.1
only volunteers in Armed Service	50.7	50.0	51.3	50.9	53.7	50.0	50.4	51.3	52.8	49.8	50.3	51.2	49.9	53.3	54.3
fed govt control handguns more	87.6	85.4	88.4	89.6	90.4	85.1	87.3	87.6	90.0	88.5	89.6	89.2	91.1	90.5	90.2
national health care plan needed	79.0	81.2	78.5	76.4	85.9	81.6	78.2	78.7	79.1	75.8	81.4	77.4	72.8	86.1	85.7
Permission to Use Student I.D.															
yes	78.3	73.7	81.0	80.4	83.1	73.6	74.5	82.3	80.4	80.5	74.5	81.2	77.5	87.4	74.8
no	21.7	26.3	19.0	19.6	16.9	26.4	25.5	17.7	19.6	19.5	25.5	18.8	22.5	12.6	25.2

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1989 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

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WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High School															
1989	93.4	87.1	96.1	98.1	94.1	86.4	93.5	95.6	96.8	96.5	97.4	97.8	98.8	93.2	95.7
1988	2.8	4.7	2.2	1.1	3.9	4.8	3.5	2.3	2.1	1.9	1.5	1.2	0.8	4.6	2.6
1987	0.7	1.3	0.5	0.3	0.8	1.4	0.9	0.5	0.4	0.3	0.4	0.3	0.1	0.9	0.6
1986 or earlier	1.8	3.7	0.9	0.4	1.0	4.0	1.2	1.1	0.6	0.9	0.5	0.5	0.2	1.0	0.9
H.S. equivalency (G.E.D. test)	1.1	2.6	0.3	0.1	0.2	2.8	0.7	0.4	0.2	0.3	0.2	0.1	0.0	0.2	0.2
never completed high school	0.2	0.6	0.1	0.0	0.0	0.7	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0
Age on December 31, 1989															
16 or younger	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1
17	2.4	2.6	2.1	2.7	3.6	2.6	2.1	1.8	2.7	2.2	2.2	2.4	3.4	2.9	4.8
18	71.6	66.3	73.8	75.7	72.6	66.3	65.7	74.2	74.3	70.9	75.2	75.6	76.0	70.5	76.6
19	21.1	21.5	21.3	20.1	19.3	20.9	27.0	20.8	20.8	24.2	20.6	20.3	19.7	21.4	15.5
20	2.1	3.5	1.5	0.9	3.0	3.6	3.1	1.6	1.3	1.5	1.3	0.9	0.6	3.6	1.9
21-24	1.4	2.8	0.8	0.4	1.1	3.0	1.0	0.9	0.7	0.6	0.5	0.5	0.2	1.1	1.0
25-29	0.6	1.3	0.3	0.1	0.2	1.4	0.4	0.4	0.1	0.2	0.1	0.1	0.0	0.3	0.1
30-39	0.6	1.4	0.2	0.0	0.1	1.6	0.4	0.3	0.1	0.2	0.1	0.1	0.0	0.1	0.0
40-54	0.2	0.5	0.1	0.0	0.0	0.6	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1,2)															
White/Caucasian	84.3	86.5	81.6	85.6	1.5	86.8	84.1	80.4	83.4	80.8	88.6	86.5	82.9	2.0	0.7
Black/Negro/Afro-American	9.2	6.3	14.1	5.5	97.4	5.8	9.9	16.2	10.0	16.1	3.4	5.7	4.6	96.6	99.0
American Indian	0.9	0.8	1.0	0.8	1.3	0.8	0.8	1.0	1.0	1.0	0.7	0.8	0.8	1.0	1.7
Asian-American/Oriental	2.9	2.2	2.0	5.5	0.2	2.3	1.8	1.5	3.6	1.6	2.8	4.6	8.5	0.2	0.2
Mexican-American/Chicano	1.4	1.3	1.0	2.2	0.2	1.1	2.2	0.9	0.8	0.8	2.8	2.0	2.7	0.2	0.1
Puerto Rican-American	0.8	1.2	0.6	0.6	0.3	1.3	0.8	0.6	0.9	0.2	1.0	0.5	0.8	0.3	0.3
other	2.1	2.9	1.5	1.8	1.3	3.0	1.8	1.1	2.5	1.1	2.5	1.6	2.5	1.3	1.3
Average High School Grade															
A or A+	10.4	3.5	11.1	19.4	3.0	3.6	3.1	9.7	13.3	13.8	9.7	16.6	28.9	1.4	5.8
A-	12.8	6.6	13.9	20.1	4.0	6.8	5.0	12.6	16.5	14.6	14.7	18.6	25.1	2.7	6.5
B+	18.8	15.4	19.8	22.0	13.4	15.9	11.0	19.5	20.5	19.0	22.2	22.1	21.7	11.7	16.4
B	25.8	27.8	25.8	22.7	22.1	28.7	20.6	26.7	24.0	23.7	27.5	24.5	16.6	20.6	25.0
B-	14.4	18.8	13.6	9.5	18.8	19.1	16.4	14.1	12.7	12.6	13.4	10.7	5.4	19.1	18.2
C+	11.1	16.5	10.4	4.6	24.2	15.8	22.2	11.3	8.4	10.2	8.6	5.4	1.8	27.4	18.5
C	6.3	10.7	5.3	1.6	14.0	9.5	20.3	5.7	4.3	5.8	3.8	2.0	0.4	16.5	9.4
D	0.3	0.7	0.2	0.0	0.5	0.6	1.4	0.3	0.2	0.2	0.1	0.1	0.0	0.6	0.3
Miles from College to Home															
5 or less	8.1	14.2	5.6	3.5	6.2	15.2	5.9	6.3	3.8	4.5	6.5	3.8	2.7	6.6	5.4
6-10	9.1	14.8	6.4	5.4	5.6	15.9	5.3	7.7	3.8	4.3	8.0	5.8	3.8	5.5	5.9
11-50	26.8	36.9	23.4	17.7	15.1	38.7	22.0	27.4	15.8	17.4	24.8	18.9	13.8	16.5	12.4
51-100	15.9	14.2	17.3	16.3	13.2	14.2	14.1	18.2	13.9	17.6	17.6	18.3	9.5	15.2	9.6
101-500	29.7	16.5	33.9	41.9	32.6	14.5	32.9	32.6	35.4	37.9	31.0	43.1	37.8	35.2	27.8
more than 500	10.4	3.5	13.5	15.2	27.4	1.5	19.8	7.8	27.4	18.4	12.1	10.0	32.5	21.0	38.8

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	3.0	4.2	2.8	1.7	8.8	4.3	3.4	3.0	2.5	3.2	2.2	1.9	1.2	9.1	8.2
$6,000 - $9,999	2.8	3.7	2.7	1.7	7.5	3.8	3.4	2.9	2.0	3.0	2.1	1.8	1.3	7.7	7.0
$10,000 - $14,999	4.8	6.1	4.7	3.3	8.8	6.2	5.5	4.9	3.8	5.1	3.9	3.6	2.3	8.7	9.0
$15,000 - $19,999	5.3	6.6	5.0	3.8	8.5	6.7	6.4	5.1	4.7	5.4	4.1	4.1	2.8	8.6	8.4
$20,000 - $24,999	7.0	8.6	6.7	5.2	10.5	8.9	6.6	7.0	5.4	7.5	5.8	5.6	3.8	11.2	9.4
$25,000 - $29,999	7.0	8.4	6.8	5.4	8.7	8.5	7.3	7.1	5.9	7.2	5.6	5.8	4.0	8.7	8.7
$30,000 - $34,999	9.3	11.2	8.7	7.4	8.4	11.4	9.3	9.1	7.6	9.0	8.2	8.0	5.6	8.1	8.8
$35,000 - $39,999	9.0	10.0	9.0	7.5	7.5	10.3	7.7	9.8	7.3	8.7	8.7	7.9	6.1	7.7	7.2
$40,000 - $49,999	12.8	13.3	12.8	12.1	9.4	13.7	10.5	13.8	11.1	11.8	12.1	12.8	9.7	9.6	9.0
$50,000 - $59,999	11.8	10.7	12.2	12.5	7.7	10.8	9.9	13.1	10.9	10.6	11.4	13.0	10.8	7.2	8.3
$60,000 - $74,999	10.8	8.1	11.4	13.3	7.6	7.9	9.7	11.5	11.7	10.4	12.6	13.4	13.1	7.1	8.4
$75,000 - $99,999	7.2	4.2	7.7	10.5	3.9	3.8	7.5	7.1	9.6	7.2	8.8	9.8	12.7	3.7	4.2
$100,000 - $149,999	4.8	2.7	4.8	7.9	1.6	2.3	5.6	3.5	7.6	5.2	6.8	6.7	11.5	1.4	1.9
$150,000 or more	4.5	2.1	4.6	7.6	1.1	1.4	7.1	2.1	10.0	6.0	7.6	5.4	15.0	0.9	1.5
Status of Parents															
living with each other	72.3	70.9	71.5	75.7	43.9	70.8	71.3	70.1	72.5	72.5	77.9	74.8	78.5	43.4	44.8
divorced or separated	22.6	23.1	23.5	20.5	46.4	23.0	23.3	24.9	22.8	22.4	17.5	21.3	17.6	46.6	45.9
one or both deceased	5.1	6.1	5.0	3.9	9.8	6.1	5.4	5.0	4.7	5.1	4.6	3.9	3.8	10.0	9.4
Students Strongly Agreed with Characterization of Parents As															
interested in intell pursuits...	26.0	18.6	27.6	33.8	36.4	18.1	22.9	24.3	34.2	30.4	29.9	31.6	41.2	33.2	42.0
interested in cultural pursuits.	11.8	7.3	13.0	16.1	19.3	6.8	11.3	10.1	19.2	15.1	14.4	14.0	22.8	16.8	23.6
deeply religious	15.0	12.6	18.0	13.4	27.8	11.8	19.2	16.2	17.1	25.4	18.0	12.4	16.9	27.7	27.8
interested in politics	8.9	6.7	9.6	11.0	10.4	6.3	9.9	8.0	12.5	11.1	10.7	10.0	14.1	9.2	12.6
deeply concerned about children.	75.3	72.5	77.3	76.2	86.7	71.7	78.4	75.7	79.0	79.9	79.2	74.8	80.7	86.9	86.2
financially comfortable	19.2	15.9	19.5	23.3	17.2	15.0	22.9	17.8	23.1	20.3	21.5	21.7	28.4	17.4	16.9
having high aspirations for me..	65.7	58.8	68.9	70.1	81.4	57.8	66.5	67.6	71.3	71.2	68.2	68.3	76.0	80.5	83.0
difficult to talk with	7.6	8.2	7.4	7.0	7.7	8.2	8.2	7.7	6.8	7.2	7.2	7.2	6.5	7.7	7.6
Have Had Remedial Work In															
English	5.6	6.6	5.7	3.9	12.5	6.2	10.5	5.3	6.4	6.2	5.9	3.9	3.8	12.1	13.3
reading	5.3	6.7	5.3	3.3	12.6	6.3	10.0	5.1	5.5	5.9	5.2	3.4	3.0	12.1	13.6
mathematics	10.4	10.9	11.1	8.6	15.2	10.0	18.4	9.6	13.3	12.4	13.8	8.4	9.3	14.6	16.3
social studies	4.1	5.0	4.1	2.7	11.2	4.7	7.5	4.1	4.0	4.9	3.7	2.9	2.2	10.5	12.5
science	4.7	5.3	4.9	3.4	10.6	5.0	7.3	4.5	5.4	5.3	5.2	3.4	3.5	10.0	11.8
foreign language	4.5	4.7	4.9	3.5	9.3	4.3	8.0	4.4	5.8	5.3	5.7	3.4	3.7	9.1	9.6
Will Need Remedial Work In															
English	11.3	14.5	10.7	7.8	16.5	14.2	17.0	11.0	9.7	10.4	11.2	8.2	6.5	17.5	14.5
reading	4.9	7.1	4.3	2.6	7.0	7.0	7.6	4.3	4.2	3.7	4.9	2.7	2.4	7.8	5.6
mathematics	26.5	31.0	26.6	19.8	43.3	30.2	37.4	27.9	22.3	26.1	27.8	21.2	15.4	40.9	47.7
social studies	3.2	3.6	3.4	2.2	6.0	3.4	5.6	3.5	2.7	3.3	3.6	2.3	1.8	5.5	7.0
science	10.0	9.6	10.9	8.9	17.2	9.0	14.5	11.3	9.7	10.9	11.3	9.3	7.5	15.0	21.3
foreign language	9.9	8.7	11.7	8.7	20.3	7.9	14.7	11.5	10.4	13.6	12.3	9.0	7.8	16.7	26.9

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
used a personal computer (3)	29.4	23.5	30.9	35.3	30.0	23.6	23.3	30.3	34.5	29.9	28.1	33.1	42.6	28.4	32.8
attended a religious service	82.2	78.8	85.4	82.0	90.8	77.9	85.5	84.8	80.7	90.7	90.0	81.3	84.4	89.9	92.5
was bored in class	93.1	88.6	95.1	96.4	90.7	88.1	93.2	94.8	95.8	95.0	96.0	96.3	96.8	90.3	91.6
participated in demonstration	36.7	35.7	39.6	33.6	49.3	34.6	45.0	40.2	38.4	39.2	39.3	33.9	32.5	48.4	50.9
won varsity letter in sports	48.3	41.6	51.2	53.4	42.2	40.5	50.6	49.5	53.0	52.8	55.6	53.3	53.8	43.1	40.7
didn't complete homework on time	68.7	67.1	70.3	68.5	69.8	66.2	74.3	69.6	72.2	70.8	69.7	69.3	66.0	68.8	71.6
tutored another student	44.6	32.8	47.6	56.4	46.4	32.9	32.2	46.3	50.2	49.2	47.6	53.9	64.8	41.8	54.4
did extra class work/reading (3)	10.1	8.2	11.0	11.5	15.9	7.9	10.1	10.3	11.8	12.1	11.3	10.9	13.4	13.9	19.6
studied with other students	85.4	80.9	86.9	89.5	86.0	80.2	86.5	86.2	87.4	88.2	87.9	89.2	90.6	85.1	87.7
was a guest in a teacher's home.	28.9	23.9	32.2	30.8	28.2	22.8	33.0	30.3	34.2	38.2	28.3	29.6	34.9	27.3	29.9
smoked cigarettes (3)	10.2	14.7	8.3	6.6	2.4	14.6	15.1	8.6	8.7	6.3	9.6	6.9	5.7	2.7	1.8
drank beer	60.3	61.4	57.2	63.7	30.8	62.0	56.9	57.3	59.9	47.8	68.8	64.3	61.8	31.2	30.0
drank wine or liquor	60.7	58.9	59.5	65.0	35.2	59.2	57.1	59.9	61.1	51.5	69.6	65.2	64.5	33.1	38.9
stayed up all night	78.7	76.9	79.7	79.7	80.0	76.7	78.4	80.0	79.6	78.9	79.3	79.9	79.1	78.6	82.6
spoke other language at home (3)	6.7	7.9	5.2	7.5	4.8	7.9	8.1	4.2	7.4	4.5	8.3	6.7	10.1	4.4	5.5
felt overwhelmed (3)	19.2	15.9	20.6	21.8	19.1	15.3	20.8	19.7	21.4	21.9	22.6	21.6	22.2	18.4	20.2
felt depressed (3)	9.0	9.1	9.4	8.2	12.4	8.8	11.4	9.4	9.0	9.9	9.4	8.5	7.3	12.2	12.8
argued with teacher in class	41.8	37.2	42.7	47.1	36.6	37.3	36.8	41.6	45.8	42.4	43.9	46.8	48.0	36.1	37.5
took sleeping pills	3.0	3.2	3.2	2.6	2.3	2.9	5.0	3.1	3.3	3.6	2.9	2.6	2.7	2.0	2.8
took a tranquilizing pill	1.7	1.9	1.9	1.4	1.2	1.8	2.8	1.8	1.8	2.2	1.8	1.4	1.4	0.9	1.6
discussed personal prob w/friend	91.6	90.3	92.4	92.2	89.7	90.1	92.2	92.0	92.6	93.4	93.3	92.0	92.8	89.0	90.9
studied in the library (3)	13.3	11.3	14.0	15.1	20.6	10.9	14.5	13.0	15.7	15.0	15.3	14.6	16.9	18.9	23.6
performed volunteer work	62.0	54.7	65.0	67.7	63.2	53.7	62.6	61.6	68.8	69.7	70.9	65.3	75.3	60.7	67.7
visited art gallery or museum	54.9	48.4	56.4	62.0	55.4	47.5	55.3	52.5	64.9	58.2	60.4	59.5	70.4	52.7	60.1
worried about choosing career	75.2	75.1	74.5	76.4	66.5	74.9	76.1	75.2	71.0	74.8	76.9	76.9	74.8	67.3	65.1
Student's Religious Preference															
Baptist	15.4	14.1	19.9	9.9	58.8	12.7	25.5	23.5	12.2	24.8	3.2	9.9	9.7	62.7	51.9
Buddhist	0.3	0.2	0.3	0.5	0.2	0.2	0.3	0.2	0.4	0.2	0.2	0.4	0.6	0.2	0.2
Congregational	1.1	0.8	1.2	1.5	0.6	0.8	0.6	1.0	1.9	1.1	0.5	1.6	1.0	0.5	0.7
Eastern Orthodox	0.7	0.9	0.4	0.7	0.0	0.9	0.4	0.4	0.7	0.3	0.6	0.7	0.6	0.0	0.0
Episcopal	2.5	2.0	2.7	3.0	1.6	1.8	3.6	2.1	4.0	3.5	1.6	2.8	3.7	1.6	1.7
Islamic	0.4	0.5	0.3	0.3	1.2	0.5	0.2	0.3	0.6	0.2	0.3	0.3	0.5	1.3	1.0
Jewish	2.7	2.0	1.5	5.5	0.0	2.0	2.0	1.2	3.7	0.5	0.3	4.8	7.6	0.0	0.0
LDS (Mormon)	0.3	0.3	0.3	0.3	0.0	0.3	0.2	0.3	0.3	0.2	0.1	0.3	0.3	0.0	0.0
Lutheran	6.4	6.4	6.1	7.0	0.7	6.2	8.2	6.6	3.6	8.2	3.4	8.0	4.1	0.5	1.0
Methodist	9.8	10.6	10.1	8.4	10.4	10.5	11.4	11.4	6.9	12.3	3.2	9.0	6.6	9.6	12.0
Presbyterian	4.8	4.4	4.9	5.5	1.7	4.3	5.3	4.4	5.3	7.1	2.2	5.5	5.4	1.7	1.9
Quaker	0.2	0.2	0.3	0.2	0.1	0.3	0.1	0.2	0.5	0.4	0.2	0.2	0.3	0.1	0.2
Roman Catholic	33.6	38.0	29.5	33.7	9.3	39.7	23.9	27.8	29.9	14.2	73.2	32.6	37.5	6.9	13.6
Seventh Day Adventist	0.4	0.3	0.5	0.2	0.7	0.4	0.2	0.3	0.3	1.7	0.2	0.2	0.2	0.8	0.6
other Protestant	5.0	4.8	5.9	3.9	1.6	4.8	4.2	4.5	8.5	9.8	2.3	4.0	3.9	1.7	1.5
other religion	5.1	5.2	5.6	4.3	7.3	4.9	7.5	5.4	5.6	8.2	2.3	4.4	3.9	7.4	7.1
none	11.3	9.4	10.6	15.1	5.5	9.8	6.4	10.4	15.7	7.5	6.2	15.4	14.2	5.0	6.4
Student Born-Again Christian?															
no	73.0	74.4	67.2	80.1	50.5	76.0	61.0	66.0	74.8	52.1	88.9	79.9	80.6	50.0	51.3
yes	27.0	25.6	32.8	19.9	49.5	24.0	39.0	34.0	25.2	47.9	11.1	20.1	19.4	50.0	48.7

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Student Rated Self Above Average or Highest 10% in															
academic ability	55.8	35.4	60.4	77.8	40.1	36.0	30.4	58.8	65.8	60.7	58.4	75.3	85.8	33.2	52.5
artistic ability	24.5	21.5	24.4	28.8	19.2	21.5	21.8	22.9	29.4	24.8	22.5	28.1	31.2	17.4	22.2
competitiveness	53.6	44.1	55.6	64.0	50.0	43.7	47.4	54.6	57.6	57.4	54.7	62.7	68.4	48.4	52.8
drive to achieve	64.1	52.5	67.7	75.0	67.6	52.3	54.0	66.2	70.8	70.0	67.0	73.2	80.9	64.6	73.0
emotional health	56.4	49.3	58.3	63.5	58.3	48.6	54.3	57.2	61.0	59.9	56.6	62.4	67.1	56.5	61.4
foreign language ability	30.1	21.3	31.6	40.4	25.4	21.3	20.7	30.3	35.0	31.9	32.8	38.4	47.1	22.5	30.8
leadership ability	51.0	40.7	54.4	60.5	54.9	40.0	46.1	52.7	57.1	57.7	53.3	58.8	66.3	53.8	56.9
mathematical ability	39.9	29.0	40.8	54.3	27.3	29.9	21.7	40.4	44.6	39.0	38.2	52.4	60.7	24.0	33.3
physical health	58.6	53.2	59.5	64.9	57.6	52.5	58.5	58.5	61.6	59.9	60.5	64.7	65.6	57.0	58.6
popularity	42.9	36.3	44.0	50.4	45.0	35.6	42.3	43.3	45.7	44.5	44.4	49.8	52.4	44.6	45.8
popularity with opposite sex	41.1	36.5	42.0	46.1	46.5	35.9	41.7	41.7	43.2	42.1	41.2	46.0	46.6	46.4	46.7
public speaking ability	29.3	20.5	32.1	37.4	33.2	20.0	24.8	30.1	35.2	36.0	31.8	35.4	44.4	29.8	39.3
self-confidence (intellectual)	50.0	37.0	53.6	62.9	58.4	36.7	39.3	52.2	57.2	55.6	50.7	60.7	70.3	55.4	63.9
self-confidence (social)	43.6	36.8	45.8	49.9	55.5	36.1	42.8	45.2	46.8	47.3	44.8	49.2	52.3	54.7	57.0
writing ability	39.9	29.0	42.8	51.0	38.8	28.7	31.7	40.6	47.7	45.2	41.2	48.5	59.3	36.2	43.6
Prior Credit at This Institution															
no	96.2	95.2	96.7	96.8	97.1	95.1	96.2	96.5	97.1	97.0	96.8	96.7	97.1	98.7	94.3
yes	3.8	4.8	3.3	3.2	2.9	4.9	3.8	3.5	2.9	3.0	3.2	3.3	2.9	1.3	5.7
This College is Student's															
first choice	68.9	68.2	67.4	72.2	48.6	69.0	60.8	65.5	69.8	70.8	68.9	72.1	72.7	45.1	55.0
second choice	22.9	22.7	24.3	20.9	36.3	22.1	27.8	25.8	21.9	21.8	23.9	21.1	20.2	38.0	33.3
third choice	5.4	5.5	5.7	4.6	11.2	5.4	6.6	6.1	5.6	5.0	4.9	4.6	4.8	12.3	9.2
less than third choice	2.9	3.6	2.6	2.3	3.8	3.5	4.9	2.6	2.7	2.4	2.3	2.3	2.3	4.6	2.6
Number of Other Colleges Applied to for Admission This Year															
none	31.3	43.3	25.1	24.2	17.0	44.9	30.3	28.4	19.6	24.3	15.8	27.8	12.3	18.1	15.1
one	15.3	16.2	15.1	14.2	12.9	16.3	15.7	16.4	11.4	15.5	13.2	15.5	9.9	13.3	12.3
two	16.7	15.6	17.9	16.1	19.5	15.3	18.1	19.2	14.2	18.2	17.4	16.9	13.6	20.1	18.5
three	15.2	13.0	17.2	15.1	22.8	12.4	18.1	17.0	16.7	17.2	19.3	14.8	16.3	23.3	22.1
four	9.0	6.2	10.4	10.6	13.1	5.9	9.0	9.1	12.5	11.0	13.6	9.5	14.2	12.2	14.8
five	5.7	3.1	6.7	8.0	7.4	2.9	4.9	5.1	9.9	6.8	10.0	6.7	12.2	6.9	8.5
six or more	6.9	2.5	7.6	11.8	7.2	2.4	3.9	4.7	15.8	6.9	10.8	8.8	21.6	6.2	8.8
Number of Other College Acceptances This Year (4)															
none	15.8	29.0	10.8	8.3	11.9	29.8	23.7	11.8	9.0	10.4	9.6	9.7	4.2	13.5	8.9
one	27.1	30.8	26.2	24.1	24.1	31.1	29.0	28.7	21.1	25.4	23.5	26.6	16.9	26.1	20.7
two	23.7	21.3	25.4	24.0	26.8	20.7	25.1	26.2	23.2	25.5	24.4	24.8	22.0	27.1	26.3
three	17.0	12.0	19.1	19.4	19.6	11.7	14.5	18.1	20.9	19.5	20.4	18.6	21.8	18.6	21.3
four	8.6	4.4	9.8	11.7	9.6	4.4	4.4	8.4	12.4	10.1	11.8	10.2	15.8	8.3	11.8
five	3.9	1.4	4.6	6.0	4.2	1.3	1.9	3.6	6.6	4.8	5.3	5.1	8.5	3.3	5.8
six or more	3.8	1.0	4.2	6.5	3.8	1.0	1.5	3.1	6.8	4.3	5.1	4.9	10.8	3.0	5.2

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR SPENT ON															
None															
studying or doing homework	1.3	1.7	1.1	0.9	0.9	1.8	1.4	1.2	0.9	1.0	0.8	1.0	0.6	1.0	0.9
socializing with friends	0.3	0.5	0.2	0.1	0.6	0.5	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0.6	0.5
talking w/teacher outside class	6.7	8.8	5.5	5.8	6.2	9.2	5.5	6.3	4.6	4.5	4.4	6.3	4.0	6.7	5.4
exercising or sports	4.0	5.0	4.0	2.5	10.3	5.1	4.7	4.5	3.3	3.8	2.7	2.6	2.3	10.8	9.3
partying	13.3	13.6	14.0	11.8	14.2	13.7	13.1	13.5	14.2	17.6	10.1	11.8	11.9	14.9	13.0
working (for pay)	24.8	21.0	25.9	28.2	28.5	20.5	24.8	23.0	31.5	30.3	24.5	25.1	38.5	26.9	31.3
volunteer work	49.6	55.5	47.3	44.8	51.2	56.2	50.5	50.6	43.1	43.4	41.7	47.2	37.0	53.7	46.8
student clubs and groups	28.3	38.5	24.1	20.9	28.4	39.6	29.6	26.1	21.4	20.4	23.2	23.2	13.5	32.2	21.7
watching TV	4.9	4.0	5.2	5.5	2.6	3.9	4.9	4.5	6.7	5.5	5.4	5.2	6.8	2.6	2.8
hobbies	9.2	10.4	8.8	8.0	11.7	10.6	9.0	9.2	8.0	7.9	9.5	8.2	7.2	12.2	10.7
Six or More Hours															
studying or doing homework	42.3	35.3	43.7	49.9	38.8	35.1	37.5	39.4	51.2	46.6	50.5	46.4	61.2	34.0	47.4
socializing with friends	76.7	71.9	78.2	81.1	62.5	71.5	75.6	77.3	80.4	77.1	81.3	80.8	82.0	60.5	66.2
talking w/teacher outside class	15.5	15.7	16.6	13.6	20.2	15.3	19.0	15.7	18.0	17.9	17.8	13.4	14.1	18.7	23.0
exercising or sports	48.1	43.8	49.3	52.3	35.7	43.4	47.3	47.5	52.8	49.4	53.9	51.7	54.1	35.7	35.8
partying	32.6	32.8	31.9	33.4	29.6	32.3	37.2	32.3	31.8	27.0	38.4	33.9	31.9	29.6	29.8
working (for pay)	63.7	67.9	62.7	59.6	60.2	68.6	62.3	66.4	56.4	56.2	64.5	63.2	47.5	61.5	58.0
volunteer work	5.4	5.1	5.8	5.2	8.3	5.0	6.2	5.0	7.0	6.8	7.2	4.8	6.7	7.1	10.5
student clubs and groups	15.3	11.9	16.5	18.1	16.8	11.7	13.5	14.9	18.8	18.5	18.6	16.4	23.6	14.3	21.3
watching TV	31.8	31.9	32.5	30.5	43.5	31.9	31.8	33.5	30.3	32.7	30.2	31.1	28.6	44.1	42.5
hobbies	28.0	28.1	28.5	27.2	31.5	27.8	30.2	28.1	30.0	29.0	26.3	27.2	27.2	31 3	31.8
Sixteen or More Hours															
studying or doing homework	7.3	4.8	7.7	10.1	8.1	4.8	4.8	5.9	11.6	8.6	9.5	8.2	16.4	6.0	11.7
socializing with friends	36.2	33.6	37.5	37.6	29.1	33.1	37.6	37.1	38.6	36.0	40.7	37.7	37.1	28.5	30.1
talking w/teacher outside class	4.4	4.7	4.7	3.5	5.5	4.6	6.1	4.4	5.2	4.9	5.6	3.5	3.4	5.1	6.3
exercising or sports	15.8	14.0	17.0	16.4	13.5	13.7	16.8	16.3	17.8	17.6	19.0	16.2	17.2	14.0	12.8
partying	7.7	8.8	7.4	6.7	7.5	8.5	11.1	7.7	7.1	6.2	8.9	6.9	6.0	7.8	7.1
working (for pay)	39.9	44.6	39.1	34.7	40.5	45.5	37.8	42.9	33.6	33.0	37.7	37.8	24.3	41.1	39.4
volunteer work	1.4	1.6	1.4	1.2	2.6	1.5	1.6	1.2	1.7	1.8	1.8	1.1	1.4	2.4	2.9
student clubs and groups	3.4	2.6	3.8	4.0	4.7	2.6	2.7	3.5	4.3	4.2	4.4	3.6	5.5	4.2	5.6
watching TV	7.0	7.0	7.4	6.1	16.6	6.9	8.1	7.8	6.6	7.8	5.8	6.4	5.3	17.4	15.2
hobbies	7.0	7.3	7.4	6.0	11.7	7.2	8.5	7.4	7.7	7.4	6.3	6.1	5.8	12.3	10.5
U.S. Citizen?															
yes	97.0	95.9	98.0	97.3	98.4	95.9	95.9	98.5	96.6	98.1	96.9	97.6	96.2	98.1	98.9
permanent resident	1.6	2.4	0.8	1.8	0.8	2.6	1.1	0.7	1.2	0.6	1.3	1.7	2.0	1.0	0.5
no	1.3	1.7	1.2	1.0	0.8	1.5	3.0	0.8	2.2	1.4	1.8	0.7	1.8	0.9	0.7

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degree Planned Anywhere															
none	1.1	1.8	0.9	0.5	1.5	1.8	2.2	0.9	0.8	1.0	0.8	0.5	0.4	1.8	1.0
vocational certificate	0.9	2.5	0.2	0.1	0.3	2.6	1.2	0.2	0.2	0.2	0.1	0.1	0.0	0.3	0.3
associate (A.A. or equivalent)	4.5	11.9	1.0	0.4	0.7	12.5	7.2	1.1	0.7	0.9	0.5	0.5	0.1	0.8	0.5
bachelor's (B.A., B.S.)	32.3	41.3	29.8	24.5	22.1	41.8	37.6	32.9	25.1	25.8	27.1	27.3	15.6	26.5	14.9
master's (M.A., M.S.)	37.0	29.4	41.0	40.4	39.7	28.6	35.4	41.9	40.7	37.6	42.2	40.7	39.5	42.0	36.1
Ph.D. or Ed.D.	11.7	5.9	13.8	16.1	18.5	5.7	6.9	12.2	16.5	16.5	12.8	15.2	19.0	15.3	23.7
M.D., D.O., D.D.S., D.V.M.	5.7	2.6	5.9	9.3	7.2	2.6	3.1	4.6	7.0	8.7	7.0	8.4	12.2	4.0	12.3
LL.B. or J.D. (law)	4.9	2.4	5.4	7.4	6.5	2.4	2.8	4.0	7.2	6.7	7.7	6.0	11.9	5.4	8.3
B.D. or M.Div. (divinity)	0.3	0.3	0.4	0.2	1.0	0.2	0.7	0.3	0.3	0.7	0.3	0.2	0.3	1.1	0.8
other	1.6	1.9	1.7	1.1	2.4	1.7	3.1	1.7	1.5	1.9	1.5	1.1	1.0	2.7	2.0
Highest Degree Planned at Freshman College															
none	3.7	6.2	3.3	1.3	2.3	6.2	6.6	4.4	1.6	2.7	1.6	1.5	0.6	3.1	1.2
vocational certificate	1.3	3.5	0.4	0.1	0.5	3.6	2.8	0.4	0.2	0.4	0.3	0.2	0.1	0.6	0.4
associate (A.A. or equivalent)	18.1	51.0	3.0	1.0	3.4	49.1	65.4	3.6	1.8	3.0	2.2	1.3	0.3	4.5	1.7
bachelor's (B.A., B.S.)	58.2	30.9	74.8	65.7	66.2	32.6	18.2	70.7	80.8	79.9	76.3	65.1	67.7	62.3	72.0
master's (M.A., M.S.)	13.2	4.9	14.3	21.7	19.0	5.2	2.4	16.2	12.3	9.9	15.6	22.2	20.5	21.2	15.8
Ph.D. or Ed.D.	1.9	0.8	1.5	4.0	3.3	0.8	0.4	1.7	1.0	1.4	1.5	4.1	3.8	3.0	3.7
M.D., D.O., D.D.S., D.V.M.	1.1	0.3	0.5	3.1	1.0	0.3	0.0	0.4	0.5	0.5	0.5	3.0	3.2	0.6	1.5
LL.B. or J.D. (law)	0.9	0.3	0.7	2.0	1.5	0.3	0.4	0.7	0.6	0.5	0.6	1.6	3.0	1.6	1.3
B.D. or M.Div. (divinity)	0.2	0.2	0.2	0.1	0.6	0.1	0.5	0.2	0.2	0.2	0.2	0.1	0.1	0.6	0.7
other	1.4	1.9	1.4	0.9	2.2	1.8	3.3	1.6	1.1	1.3	1.3	0.9	0.7	2.5	1.6
Reasons Noted as Very Important or Essential in Career Choice															
job openings regularly available	70.9	75.8	69.5	66.5	85.7	76.5	69.8	72.3	63.5	66.4	70.3	68.6	59.3	86.1	85.1
rapid advancement possible	65.7	69.5	64.3	62.7	85.3	70.0	65.9	67.2	59.8	59.2	64.4	64.0	58.4	86.3	83.6
high anticipated earnings	72.1	76.2	69.7	70.2	89.0	76.7	72.2	72.7	65.4	64.0	69.8	71.5	66.2	88.9	89.2
well-respected/prestigious job	66.3	68.4	65.3	64.9	84.0	68.5	67.9	67.2	61.4	62.2	66.2	65.3	63.5	84.7	82.8
great deal of independence	68.0	68.0	67.5	68.9	83.2	68.0	67.8	67.5	68.4	66.0	67.7	69.0	68.5	82.4	84.5
chance for steady progress	78.2	78.4	77.7	78.8	89.4	78.3	79.0	78.5	77.6	74.4	78.8	79.0	77.9	88.5	91.0
make important contrib to soc	65.7	60.2	68.9	68.4	79.9	59.4	66.6	67.1	69.8	73.2	70.4	67.4	71.8	78.0	83.2
can avoid pressure	36.0	39.3	36.0	31.2	57.7	38.9	42.5	37.2	33.6	34.7	36.1	32.7	26.2	59.2	55.0
can work with ideas	70.6	67.6	71.7	73.1	81.4	67.2	70.5	71.2	73.9	71.2	71.4	72.8	73.9	81.0	82.0
can be helpful to others	76.7	75.7	78.4	75.4	87.6	75.0	81.4	77.6	77.1	81.8	80.3	75.1	76.2	87.1	88.5
able to work with people	76.4	76.7	77.4	74.2	86.9	76.0	82.2	76.6	75.8	80.6	80.9	73.8	75.5	87.1	86.4
intrinsic interest in field	79.5	77.3	79.8	82.3	83.0	77.2	77.9	79.2	81.5	79.6	80.0	81.8	83.8	82.1	84.6
work would be challenging	72.9	69.2	73.8	76.6	80.8	68.7	72.9	72.5	76.4	75.1	74.4	75.5	80.4	80.1	82.1

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	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	5.8	5.9	6.6	4.3	8.9	6.2	3.3	7.8	4.4	5.2	6.8	4.5	3.4	10.4	6.3
actor or entertainer	0.9	0.5	1.1	1.1	1.1	0.5	0.9	0.9	1.6	1.3	1.1	0.9	1.6	1.0	1.4
architect or urban planner	1.8	2.6	0.8	2.3	1.3	2.8	1.0	0.9	0.9	0.7	0.3	2.6	1.3	1.4	1.1
artist	1.7	1.7	1.9	1.3	0.9	1.4	3.8	1.7	3.4	1.1	1.5	1.4	1.0	1.1	0.7
business (clerical)	1.1	2.1	0.7	0.4	1.0	2.1	2.2	0.7	0.5	0.5	0.6	0.4	0.2	1.4	0.5
business executive (management)	11.2	10.6	11.7	11.3	14.0	10.5	11.9	12.0	10.7	10.8	13.9	11.0	12.2	16.6	9.6
business owner or proprietor	3.4	3.6	3.3	3.1	4.5	3.4	5.8	3.2	3.7	3.0	4.0	2.9	3.4	5.1	3.5
business salesperson or buyer	1.4	1.6	1.4	1.2	1.8	1.6	2.2	1.5	1.2	1.2	1.7	1.3	0.8	2.1	1.3
clergy (minister,priest)	0.2	0.1	0.3	0.1	0.1	0.0	0.2	0.1	0.3	1.0	0.4	0.1	0.2	0.1	0.2
clergy (other religious)	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.5	0.1	0.0	0.1	0.0	0.0
clinical psychologist	1.6	1.2	1.9	1.7	1.9	1.2	1.4	1.8	1.8	1.9	2.3	1.8	1.4	1.7	2.3
college teacher	0.4	0.2	0.5	0.5	0.2	0.2	0.2	0.4	0.7	0.8	0.4	0.5	0.7	0.2	0.2
computer programmer or analyst	2.6	3.3	2.6	1.7	7.0	3.4	2.0	3.1	2.0	2.2	1.6	1.8	1.4	8.0	5.4
conservationist or forester	0.6	0.9	0.4	0.6	0.1	0.9	0.6	0.5	0.4	0.3	0.1	0.7	0.1	0.1	0.1
dentist (including orthodontist)	0.5	0.3	0.6	0.7	0.9	0.3	0.6	0.6	0.5	0.8	0.5	0.7	0.7	0.6	1.4
dietitian or home economist	0.2	0.3	0.1	0.3	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.1
engineer	9.0	9.5	6.5	12.2	8.1	10.4	2.3	7.4	8.1	3.4	2.2	12.8	10.4	5.8	11.8
farmer or rancher	0.4	0.6	0.3	0.4	0.0	0.6	0.6	0.3	0.1	0.2	0.1	0.5	0.1	0.0	0.0
foreign service worker	0.9	0.4	1.0	1.5	0.2	0.4	0.3	0.7	1.7	1.3	1.5	1.1	2.8	0.1	0.3
homemaker (full-time)	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
interior decorator (incl design)	0.5	0.4	0.5	0.6	0.5	0.3	1.8	0.4	0.6	0.5	0.6	0.6	0.3	0.6	0.2
intepreter (translator)	0.2	0.1	0.2	0.2	0.1	0.1	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.1	0.1
lab technician or hygienist	0.5	0.8	0.3	0.2	0.3	0.9	0.4	0.3	0.2	0.3	0.3	0.3	0.1	0.3	0.3
law enforcement officer	1.1	1.7	0.9	0.5	0.8	1.8	1.3	0.9	0.6	0.8	1.3	0.6	0.2	0.9	0.7
lawyer (attorney) or judge	5.4	3.3	5.7	7.7	8.2	3.3	3.4	4.5	6.9	7.2	8.2	6.6	11.6	7.0	10.2
military service (career)	0.9	0.5	1.4	0.7	0.8	0.3	1.5	1.9	1.4	0.2	0.4	0.7	0.7	0.9	0.6
musician (performer,composer)	1.0	0.8	1.1	1.1	1.3	0.7	1.7	1.1	1.0	1.8	0.6	1.0	1.3	1.3	1.2
nurse	2.7	4.5	2.0	1.4	2.5	4.7	2.9	2.2	0.9	1.7	2.7	1.6	0.8	2.5	2.6
optometrist	0.2	0.1	0.3	0.3	0.4	0.1	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.5
pharmacist	1.0	0.8	0.8	1.7	1.5	0.8	0.8	0.9	0.3	1.0	0.5	2.0	0.7	0.6	3.1
physician	3.8	1.5	3.8	6.8	5.5	1.5	1.6	2.6	4.8	6.7	4.8	5.8	10.1	2.2	10.9
school counselor	0.4	0.4	0.4	0.2	0.4	0.4	0.6	0.4	0.4	0.5	0.4	0.2	0.2	0.3	0.6
school principal/superintendent	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.2	0.1
scientific researcher	1.6	1.0	1.7	2.3	0.8	1.0	0.7	1.7	2.0	1.7	1.3	2.3	2.4	0.8	0.9
social,welfare,recreation worker	1.3	1.6	1.3	0.7	2.0	1.5	2.0	1.3	1.1	1.5	1.5	0.8	0.5	2.3	1.4
statistician	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0
therapist (phys,occup,speech)	2.6	2.7	2.8	2.1	1.2	2.6	3.4	3.1	1.8	2.5	3.6	2.4	1.3	1.1	1.4
teacher (elementary)	5.0	5.4	6.4	2.3	2.7	5.1	7.7	7.1	3.8	7.0	5.9	2.6	1.2	3.0	2.3
teacher (secondary)	3.2	2.6	4.3	2.3	2.2	2.5	3.4	4.5	3.0	5.3	3.6	2.6	1.5	2.7	1.4
veterinarian	0.8	0.7	0.7	1.1	0.6	0.7	0.9	0.6	0.8	0.7	0.6	1.3	0.3	0.4	0.9
writer or journalist	2.3	1.4	2.6	3.1	2.0	1.4	1.7	2.3	3.3	3.0	2.7	2.8	4.1	1.8	2.4
skilled trades	1.3	3.1	0.4	0.2	0.3	3.3	1.1	0.4	0.7	0.3	0.2	0.2	0.2	0.4	0.2
other career	8.6	10.9	8.1	6.5	7.5	10.8	11.3	7.8	9.4	7.8	7.7	6.7	5.6	8.1	6.7
undecided	11.6	9.8	12.3	13.1	5.8	9.6	11.4	11.4	14.3	12.5	13.2	12.7	14.4	6.2	5.2
Twin Status															
no	98.4	98.5	98.3	98.5	98.0	98.5	98.3	98.4	98.2	98.1	98.5	98.4	98.5	98.0	97.9
yes - identical	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.6	0.7	0.8	0.5	0.6	0.6	0.6	0.7
yes - fraternal	0.9	0.8	1.0	0.9	1.4	0.8	1.0	1.0	1.1	1.1	1.0	0.9	0.8	1.4	1.3

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Arts and Humanities															
art, fine and applied	2.1	1.9	2.3	1.8	0.7	1.6	4.4	1.9	4.4	1.6	2.1	1.9	1.4	0.8	0.7
English (language & literature)	1.3	0.6	1.7	1.8	1.0	0.6	0.6	1.1	3.2	2.2	1.9	1.5	2.7	1.0	1.0
history	0.8	0.3	1.2	1.0	0.4	0.3	0.6	0.9	1.7	1.3	1.4	0.8	1.7	0.4	0.4
journalism	1.4	0.9	1.4	2.1	1.4	0.9	1.1	1.4	1.4	1.5	1.5	1.9	2.5	1.1	1.9
language or literature	0.5	0.2	0.6	0.8	0.1	0.2	0.2	0.4	1.1	0.7	0.9	0.7	0.9	0.1	0.2
music	0.9	0.7	1.1	1.0	0.6	0.6	1.9	1.0	0.9	2.0	0.6	0.9	1.3	0.5	0.7
philosophy	0.2	0.1	0.2	0.3	0.0	0.1	0.1	0.1	0.5	0.3	0.3	0.2	0.4	0.0	0.1
speech	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
theater or drama	0.6	0.4	0.8	0.8	0.3	0.3	0.6	0.6	1.1	0.9	0.8	0.7	1.1	0.1	0.5
theology or religion	0.1	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.4	1.0	0.2	0.0	0.1	0.0	0.0
other arts and humanities	0.7	0.8	0.5	0.8	0.4	0.8	0.8	0.4	0.8	0.4	0.7	0.8	0.8	0.4	0.3
Biological Sciences															
biology (general)	1.8	0.9	2.1	2.4	2.7	1.0	0.4	1.6	2.6	3.2	3.0	2.1	3.2	1.4	4.8
biochemistry or biophysics	0.4	0.2	0.4	0.8	0.4	0.2	0.1	0.3	0.6	0.6	0.5	0.7	1.0	0.2	0.6
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.5	0.3	0.7	0.6	0.0	0.3	0.4	0.8	0.5	0.5	0.7	0.7	0.3	0.0	0.1
microbiology or bacteriology	0.2	0.2	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.1	0.2
zoology	0.3	0.2	0.3	0.4	0.4	0.2	0.2	0.3	0.3	0.4	0.2	0.5	0.1	0.5	0.2
other biological sciences	0.5	0.4	0.5	0.6	0.5	0.4	0.7	0.5	0.7	0.5	0.4	0.6	0.6	0.5	0.4
Business															
accounting	6.1	6.2	6.9	4.7	9.2	6.6	3.4	8.0	4.5	5.5	7.4	4.9	3.8	10.6	6.7
business administration	6.5	6.8	6.5	5.8	9.6	6.5	9.4	6.6	5.4	7.0	7.7	5.6	6.5	11.5	6.2
finance	1.9	1.1	2.0	2.7	1.8	1.2	0.7	2.1	1.7	1.4	2.6	2.5	3.3	2.0	1.5
marketing	3.0	2.5	3.3	3.1	3.7	2.4	3.6	3.6	2.7	2.6	4.3	3.2	2.9	4.2	3.0
management	4.5	5.0	4.7	3.4	5.7	4.8	6.7	4.9	4.5	3.7	5.4	3.6	3.0	6.7	3.9
secretarial studies	0.9	2.5	0.2	0.0	0.2	2.5	1.9	0.2	0.2	0.1	0.1	0.0	0.0	0.3	0.1
other business	1.6	2.0	1.4	1.5	1.6	1.8	3.6	1.3	1.3	1.3	1.9	1.4	1.9	2.0	0.8
Education															
business education	0.3	0.4	0.3	0.1	0.7	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	1.0	0.2
elementary education	4.6	5.0	5.7	2.1	2.9	4.7	6.8	6.5	3.2	6.2	5.3	2.5	1.0	3.1	2.5
music or art education	0.4	0.3	0.5	0.3	0.3	0.2	0.6	0.5	0.3	0.8	0.3	0.3	0.2	0.4	0.2
physical education or recreation	1.1	1.4	1.2	0.4	0.9	1.2	2.9	1.2	0.9	1.8	0.8	0.5	0.1	1.3	0.3
secondary education	1.8	1.5	2.4	1.3	1.1	1.5	1.8	2.5	1.5	2.8	2.2	1.5	0.7	1.4	0.7
special education	0.6	0.7	0.8	0.3	0.4	0.7	1.1	0.9	0.5	0.6	0.8	0.3	0.2	0.6	0.1
other education	0.4	0.5	0.4	0.2	0.3	0.5	0.9	0.4	0.3	0.3	0.3	0.2	0.1	0.3	0.2
Engineering															
aeronautical/astronautical eng.	1.5	1.1	1.6	2.0	1.0	1.1	1.1	1.5	3.6	0.5	0.3	2.2	1.4	0.3	2.3
civil engineering	1.1	1.1	0.8	1.4	0.8	1.2	0.3	1.2	0.4	0.4	0.3	1.5	1.1	0.8	0.7
chemical engineering	0.7	0.4	0.5	1.3	0.8	0.4	0.2	0.6	0.4	0.3	0.2	1.4	1.1	0.3	1.6
electrical engineering	3.0	3.6	2.1	3.6	3.3	3.9	0.7	2.7	2.2	1.0	0.7	3.6	3.6	3.1	3.5
industrial engineering	0.3	0.4	0.2	0.4	0.2	0.4	0.2	0.3	0.2	0.2	0.1	0.5	0.3	0.1	0.4
mechanical engineering	2.0	2.1	1.5	2.6	1.4	2.3	0.4	1.8	1.6	0.6	0.5	2.7	2.4	1.2	1.8
other engineering	1.6	2.0	0.8	2.1	1.0	2.2	0.3	1.0	0.9	0.5	0.2	2.1	2.4	0.9	1.1

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Physical Sciences															
astronomy	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1
atmospheric science	0.1	0.1	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
chemistry	0.6	0.4	0.7	0.8	0.6	0.4	0.2	0.6	0.7	1.0	0.7	0.7	1.0	0.2	1.2
earth science	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.0	0.0
marine science	0.2	0.1	0.3	0.2	0.0	0.1	0.2	0.3	0.1	0.1	0.1	0.2	0.0	0.0	0.0
mathematics	0.6	0.3	0.8	0.9	0.2	0.4	0.1	0.6	0.9	1.0	1.0	0.8	1.1	0.0	0.6
physics	0.4	0.1	0.5	0.6	0.2	0.2	0.1	0.4	0.7	0.6	0.3	0.5	1.1	0.2	0.2
statistics	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
other physical sciences	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.1
Professional															
architecture or urban planning	1.3	1.7	0.6	2.0	0.5	1.9	0.6	0.7	0.6	0.5	0.3	2.3	1.2	0.3	0.8
home economics	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.3	0.1	0.2	0.2	0.5	0.1	0.4	0.0
health technology (med,dent,lab)	0.9	1.3	0.7	0.8	0.9	1.3	1.2	0.7	0.6	0.8	0.6	0.8	0.6	0.9	0.9
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	2.8	4.6	1.9	1.5	2.4	4.9	2.9	2.2	1.0	1.7	2.8	1.7	0.9	2.3	2.6
pharmacy	0.9	0.7	0.6	1.6	1.2	0.7	0.6	0.8	0.2	0.8	0.3	1.9	0.7	0.4	2.7
predent, premed, prevet	3.0	1.4	2.9	5.2	3.4	1.4	1.7	2.2	3.2	4.8	3.2	4.8	6.5	1.4	6.8
therapy (occup,phys,speech)	2.3	2.4	2.4	1.9	0.8	2.4	2.8	2.7	1.4	1.9	3.1	2.1	1.1	0.5	1.1
other professional	1.3	1.5	1.2	1.2	0.8	1.4	2.0	1.0	1.5	1.3	1.5	1.2	1.0	0.7	1.1
Social Sciences															
anthropology	0.2	0.1	0.2	0.3	0.0	0.1	0.1	0.2	0.3	0.1	0.1	0.3	0.2	0.0	0.0
economics	0.4	0.1	0.5	0.8	0.3	0.1	0.0	0.3	1.2	0.5	0.4	0.6	1.4	0.1	0.6
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.1	1.2	3.7	4.8	3.7	1.2	1.1	2.9	5.3	4.4	4.8	3.7	8.3	2.9	5.2
psychology	4.2	3.4	5.0	4.1	5.5	3.3	3.6	4.8	4.7	5.8	6.0	4.2	3.8	5.4	5.8
social work	1.0	1.4	0.9	0.4	1.5	1.4	1.4	0.9	0.7	0.9	1.1	0.4	0.3	1.9	0.8
sociology	0.4	0.3	0.5	0.4	1.3	0.2	0.7	0.5	0.5	0.7	0.4	0.5	0.4	1.4	1.1
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.3	0.4	0.2	0.2	0.2	0.5	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Technical															
building trades	0.4	1.1	0.0	0.0	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing	1.0	1.7	0.8	0.4	2.2	1.7	1.1	0.9	0.7	0.8	0.5	0.5	0.4	2.6	1.4
drafting or design	0.5	1.1	0.2	0.2	0.5	1.2	0.5	0.2	0.3	0.2	0.1	0.2	0.1	0.7	0.2
electronics	0.4	0.9	0.1	0.0	0.3	1.0	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.4	0.1
mechanics	0.5	1.3	0.2	0.0	0.0	1.4	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0
other technical	0.5	1.1	0.2	0.0	0.1	1.2	0.6	0.1	0.3	0.2	0.0	0.0	0.0	0.1	0.1
Other Fields															
agriculture	0.8	1.1	0.4	1.0	1.0	1.2	0.4	0.5	0.2	0.3	0.0	1.3	0.0	1.4	0.3
communications	2.7	2.2	3.2	2.8	4.6	2.2	2.2	3.0	3.0	3.8	3.3	2.4	3.9	4.3	5.1
computer science	1.6	1.4	1.9	1.2	4.5	1.5	0.9	2.2	1.7	1.5	1.1	1.3	1.1	4.7	4.1
forestry	0.4	0.7	0.2	0.3	0.1	0.7	0.5	0.2	0.2	0.1	0.0	0.4	0.0	0.2	0.1
law enforcement	1.5	2.5	1.2	0.6	1.6	2.6	2.0	1.2	0.9	1.0	1.7	0.7	0.4	1.8	1.3
military science	0.1	0.0	0.1	0.1	0.2	0.0	0.2	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.1
other field	1.7	2.5	1.4	1.0	1.3	2.2	4.7	1.0	2.4	1.3	1.1	1.1	0.6	1.5	1.1
undecided	6.9	5.2	7.5	8.3	3.2	4.9	7.4	7.5	8.0	7.2	7.4	8.2	8.6	3.0	3.7

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less	3.4	4.8	2.8	2.2	5.7	4.8	4.9	2.8	2.6	2.7	3.9	2.3	1.8	6.4	4.5
some high school	7.5	11.4	6.3	3.8	11.8	11.8	8.7	7.0	4.8	6.2	4.9	4.3	2.5	12.8	10.1
high school graduate	27.7	36.5	26.2	17.5	32.5	37.6	27.8	29.8	19.2	23.2	23.1	19.7	10.2	34.5	29.1
postsecondary other than college	5.1	5.2	5.3	4.4	5.2	5.2	5.2	6.0	4.2	4.6	4.9	4.8	2.9	5.2	5.1
some college	14.6	13.7	15.7	14.0	17.0	13.7	14.3	16.7	13.5	15.3	14.7	14.6	11.8	16.4	17.9
college degree	21.7	17.8	22.2	26.2	15.8	17.4	21.5	21.5	23.7	22.1	23.7	26.3	26.1	14.8	17.6
some graduate school	2.5	1.4	2.8	3.7	1.3	1.4	1.8	2.2	3.7	3.4	3.4	3.4	4.6	1.1	1.7
graduate degree	17.6	9.0	18.7	28.2	10.6	8.2	15.8	14.0	28.3	22.5	21.4	24.6	40.0	8.7	14.0
Father's Occupation (5)															
artist (including performer)	0.8	0.8	0.8	0.9	0.6	0.7	0.8	0.7	1.2	0.8	0.9	0.9	1.0	0.5	0.8
businessman	29.7	26.3	29.8	34.4	16.3	25.5	32.7	27.7	33.7	29.5	36.5	33.0	38.9	15.9	17.1
clergy or religious worker	1.0	0.6	1.5	0.7	2.0	0.4	2.3	0.9	1.6	4.0	0.3	0.6	1.0	2.1	1.8
college teacher or administrator	0.9	0.4	1.0	1.4	0.5	0.4	0.6	0.7	1.7	1.3	0.7	1.2	2.0	0.4	0.9
doctor or dentist	2.2	0.6	2.2	4.4	0.8	0.5	1.7	1.1	4.3	3.2	3.4	3.2	8.4	0.6	1.3
education (secondary)	3.6	2.5	4.2	4.3	3.8	2.5	2.6	4.1	4.1	4.7	4.3	4.5	3.7	3.3	4.6
education (elementary)	0.9	0.7	1.0	0.9	1.1	0.7	0.8	1.0	1.0	1.1	1.0	1.0	0.8	1.0	1.2
engineer	7.7	6.8	7.4	9.4	5.0	6.9	6.6	7.8	7.5	6.3	7.0	9.6	8.8	5.1	4.8
farmer or forester	2.9	3.0	2.5	3.3	0.4	2.8	4.4	2.8	1.4	3.2	1.7	3.9	1.1	0.4	0.5
health professional (non-M.D.)	1.3	1.1	1.3	1.5	1.5	1.1	1.0	1.3	1.2	1.3	1.0	1.6	1.3	1.4	1.8
lawyer	1.6	0.5	1.7	3.1	0.8	0.4	1.2	0.8	3.3	2.2	2.4	2.4	5.5	0.6	1.2
military (career)	1.8	1.3	2.3	1.7	3.6	1.2	2.2	2.7	1.6	2.0	1.2	1.8	1.5	3.8	3.3
research scientist	0.5	0.3	0.5	0.9	0.3	0.3	0.1	0.4	0.8	0.5	0.6	0.8	1.1	0.4	0.2
skilled worker	10.3	13.1	9.7	7.4	10.3	13.7	7.8	11.1	7.5	8.2	7.9	8.2	4.7	10.4	10.0
semi-skilled worker	4.7	6.7	4.0	2.9	5.7	7.1	3.6	4.6	3.0	3.8	3.0	3.3	1.9	5.7	5.5
laborer (unskilled)	3.2	4.7	2.8	1.8	4.6	5.0	2.7	3.2	1.9	2.4	2.6	2.1	1.0	4.8	4.3
unemployed	2.3	2.9	2.3	1.7	5.4	3.0	2.1	2.3	2.2	2.4	2.0	1.8	1.3	4.9	6.1
other	24.5	27.7	24.9	19.3	37.2	27.8	26.7	26.6	21.9	23.0	23.4	20.3	16.1	38.7	34.7
Father's Religious Preference															
Baptist	14.9	14.0	18.9	9.8	58.4	12.7	24.8	22.1	12.1	24.1	3.1	9.9	9.5	61.1	54.2
Buddhist	0.5	0.4	0.3	0.8	0.2	0.4	0.6	0.3	0.6	0.3	0.3	0.6	1.2	0.2	0.1
Congregational	1.1	0.7	1.2	1.6	0.4	0.7	0.7	1.0	2.1	1.2	0.6	1.7	1.0	0.4	0.4
Eastern Orthodox	0.8	1.1	0.6	0.8	0.1	1.1	0.6	0.5	0.8	0.3	0.7	0.8	0.8	0.1	0.1
Episcopal	2.6	1.9	2.8	3.2	1.6	1.7	3.4	2.2	4.2	3.4	1.8	3.0	3.9	1.6	1.7
Islamic	0.5	0.5	0.4	0.5	1.7	0.6	0.2	0.3	0.7	0.3	0.2	0.4	0.6	1.8	1.7
Jewish	3.2	2.3	2.0	6.4	0.1	2.3	2.2	1.5	4.9	0.8	0.7	5.7	8.8	0.1	0.2
LDS (Mormon)	0.3	0.2	0.3	0.4	0.0	0.2	0.1	0.3	0.3	0.2	0.1	0.4	0.3	0.0	0.0
Lutheran	7.1	6.8	6.8	7.9	0.5	6.6	8.7	7.5	4.2	8.7	4.5	8.9	4.8	0.3	0.8
Methodist	10.4	11.0	10.7	9.2	10.1	11.0	11.7	12.2	7.7	12.7	3.5	9.8	7.1	9.3	11.5
Presbyterian	5.5	5.2	5.6	5.9	2.0	5.1	5.3	5.2	6.1	7.6	2.5	6.0	5.9	2.1	1.8
Quaker	0.2	0.3	0.3	0.2	0.1	0.3	0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.0	0.2
Roman Catholic	34.4	38.3	30.7	34.8	8.8	40.0	24.6	29.3	31.0	14.7	71.3	33.8	38.1	6.8	11.9
Seventh Day Adventist	0.4	0.3	0.5	0.2	0.7	0.4	0.1	0.3	0.3	1.6	0.3	0.2	0.2	0.8	0.6
other Protestant	5.4	5.2	6.1	4.3	1.8	5.3	4.5	4.7	8.9	9.1	2.9	4.4	4.1	2.0	1.4
other religion	4.1	4.1	4.4	3.4	5.5	3.8	6.6	4.1	4.7	6.8	2.0	3.5	3.4	6.1	4.5
none	8.8	7.6	8.5	10.6	8.0	7.9	5.7	8.3	11.1	7.8	5.1	10.8	10.0	7.3	9.1

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less	2.7	3.9	2.0	1.9	3.2	3.9	4.1	1.9	2.0	1.6	3.4	2.0	1.7	3.7	2.4
some high school	5.7	8.6	4.9	3.1	8.9	8.9	6.2	5.5	3.5	4.6	3.9	3.4	2.1	10.2	6.5
high school graduate	34.8	44.0	32.8	24.8	29.4	45.3	33.2	37.0	25.0	27.9	31.1	27.4	16.1	32.3	24.2
postsecondary other than college	8.0	8.0	8.2	7.6	7.2	8.1	7.2	8.8	7.3	7.1	8.9	8.1	6.1	7.6	6.7
some college	16.7	13.7	18.5	18.1	20.4	13.2	18.1	18.8	17.5	19.4	16.8	18.2	17.7	19.7	21.5
college degree	19.6	14.5	20.2	25.8	16.5	13.9	19.3	17.4	24.9	23.6	22.2	24.4	30.5	14.3	20.4
some graduate school	2.9	1.5	3.1	4.4	2.2	1.5	2.0	2.5	4.4	3.8	3.6	3.8	6.2	1.7	3.1
graduate degree	9.7	5.7	10.3	14.3	12.2	5.2	10.0	8.1	15.5	12.1	10.2	12.7	19.5	10.5	15.2
Mother's Career (5)															
artist (including performer)	1.5	1.0	1.5	2.1	0.6	0.9	1.9	1.1	2.7	1.7	1.6	1.9	2.8	0.5	0.6
businesswoman	14.3	13.6	14.4	15.2	13.2	13.1	17.1	14.3	15.4	13.7	13.8	15.1	15.7	12.7	13.9
business (clerical)	11.2	12.2	11.1	9.9	8.9	12.6	8.3	12.2	9.4	9.5	10.0	10.5	7.9	9.2	8.4
clergy or religious worker	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.5	0.1	0.1	0.3	0.2	0.2
college teacher or administrator	0.4	0.1	0.5	0.6	0.5	0.1	0.4	0.3	0.9	0.6	0.3	0.5	1.0	0.3	0.8
doctor or dentist	0.4	0.3	0.4	0.6	0.3	0.3	0.4	0.3	0.6	0.5	0.4	0.5	1.1	0.2	0.4
education (secondary)	3.9	2.4	4.4	5.3	6.1	2.3	3.3	4.0	5.3	5.2	3.7	5.0	6.2	5.2	7.5
education (elementary)	6.8	4.7	7.5	8.5	7.8	4.5	6.6	6.9	8.1	9.2	7.0	8.4	8.9	7.0	9.3
engineer	0.2	0.2	0.2	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.2	0.3	0.5
farmer or forester	0.4	0.5	0.3	0.4	0.1	0.5	0.5	0.3	0.3	0.4	0.2	0.4	0.2	0.1	0.1
health professional (non-M.D.)	2.0	2.0	2.0	2.3	2.4	2.0	1.5	2.0	2.0	2.0	1.9	2.2	2.5	2.5	2.2
homemaker (full-time)	16.2	16.6	15.5	16.6	5.6	16.6	16.9	14.4	16.4	16.4	20.3	15.8	19.4	5.8	5.3
lawyer	0.3	0.1	0.3	0.5	0.4	0.1	0.2	0.2	0.6	0.3	0.2	0.4	0.8	0.4	0.5
nurse	7.8	7.8	7.9	7.7	9.5	7.9	6.7	8.2	7.1	7.5	9.2	7.9	7.0	10.2	8.4
research scientist	0.1	0.0	0.1	0.2	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.4	0.1	0.1
social,welfare,recreation worker	1.4	1.2	1.5	1.5	3.4	1.1	1.5	1.4	1.9	1.7	1.3	1.5	1.5	3.1	3.8
skilled worker	2.2	2.5	2.2	1.8	2.6	2.6	1.8	2.3	1.8	2.2	1.8	2.0	1.3	2.5	2.7
semi-skilled worker	3.1	4.2	2.6	2.3	3.0	4.4	2.6	3.1	1.9	2.1	2.0	2.5	1.6	3.5	2.2
laborer (unskilled)	2.0	2.8	1.7	1.3	2.2	2.9	1.9	2.0	1.2	1.5	1.6	1.4	0.7	2.3	1.9
unemployed	5.8	6.8	5.3	5.1	7.5	6.9	6.3	5.3	5.2	5.1	5.2	5.0	5.1	7.8	7.1
other	19.9	21.0	20.3	17.8	25.3	20.9	22.0	21.3	18.5	19.5	19.1	18.6	15.5	26.0	24.1
Mother's Religious Preference															
Baptist	15.5	14.4	19.7	10.1	58.3	13.2	24.6	23.1	12.6	24.8	3.4	10.2	9.8	61.8	52.8
Buddhist	0.5	0.4	0.4	0.9	0.3	0.4	0.6	0.3	0.7	0.3	0.4	0.7	1.3	0.3	0.2
Congregational	1.2	0.8	1.3	1.8	0.7	0.8	0.9	1.1	2.3	1.3	0.6	1.9	1.2	0.6	0.7
Eastern Orthodox	0.7	0.9	0.5	0.8	0.1	1.0	0.4	0.4	0.7	0.3	0.6	0.8	0.7	0.1	0.1
Episcopal	3.0	2.2	3.2	3.7	2.1	2.0	3.7	2.6	4.9	3.8	1.8	3.5	4.3	2.2	2.0
Islamic	0.4	0.4	0.3	0.4	0.7	0.5	0.2	0.2	0.5	0.2	0.2	0.3	0.5	0.7	0.6
Jewish	3.0	2.2	1.8	6.1	0.1	2.2	2.0	1.4	4.4	0.6	0.4	5.4	8.3	0.1	0.2
LDS (Mormon)	0.3	0.3	0.3	0.4	0.0	0.3	0.2	0.4	0.3	0.2	0.1	0.5	0.3	0.0	0.1
Lutheran	7.2	7.2	6.8	7.8	0.8	6.9	9.0	7.4	4.3	8.9	3.9	8.7	4.9	0.5	1.2
Methodist	11.0	11.6	11.4	9.6	11.7	11.5	12.7	13.0	8.1	13.5	3.7	10.2	7.5	10.5	13.6
Presbyterian	5.7	5.2	5.7	6.4	2.2	5.1	5.9	5.2	6.6	7.9	2.8	6.4	6.4	2.2	2.2
Quaker	0.3	0.3	0.3	0.2	0.1	0.3	0.0	0.2	0.5	0.3	0.2	0.2	0.2	0.0	0.2
Roman Catholic	35.4	39.2	31.7	36.3	9.6	41.0	25.1	30.1	32.4	15.2	73.9	35.2	39.8	7.4	13.2
Seventh Day Adventist	0.4	0.4	0.6	0.2	0.9	0.5	0.2	0.4	0.3	1.7	0.3	0.2	0.2	1.0	0.7
other Protestant	5.5	5.3	6.3	4.6	1.9	5.5	4.2	4.9	9.1	9.7	3.0	4.6	4.5	1.9	1.8
other religion	4.6	4.6	5.1	3.9	7.7	4.3	7.2	4.7	5.2	7.5	2.0	3.9	3.6	8.0	7.2
none	5.3	4.5	4.8	6.9	2.9	4.7	3.1	4.7	7.0	3.8	2.6	7.1	6.4	2.8	3.2

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Deciding to Go to College															
parents wanted me to go	34.4	35.8	35.3	31.1	53.4	35.2	40.7	35.3	33.8	37.1	35.9	31.3	30.5	54.4	51.6
could not find a job	7.0	9.0	6.3	5.1	11.6	9.2	7.8	6.7	5.2	6.4	5.7	5.5	3.8	11.5	11.8
wanted to get away from home	15.0	10.8	17.2	17.7	26.7	10.0	17.0	16.6	17.9	18.1	17.5	17.6	17.8	26.9	26.3
get a better job	75.9	79.3	74.5	73.3	81.6	79.9	74.1	77.1	69.1	72.7	72.3	75.2	67.1	81.4	81.8
gain general education	62.5	59.1	63.4	65.8	77.0	58.6	63.2	60.9	67.7	65.9	66.8	64.3	71.0	76.6	77.9
improve reading and study skills	40.5	41.1	41.1	38.4	65.3	40.3	48.0	40.2	40.7	43.4	43.9	38.3	38.8	66.1	64.1
nothing better to do	2.4	2.4	2.5	2.4	4.6	2.4	2.5	2.4	2.6	2.8	2.1	2.4	2.6	3.9	5.7
become a more cultured person	35.6	29.8	37.7	40.5	55.6	29.1	35.9	34.4	42.5	42.1	41.5	38.3	47.9	53.1	60.0
make more money	72.2	75.6	70.5	70.1	84.0	76.0	71.7	74.4	63.7	65.4	68.3	72.2	63.3	84.2	83.7
learn more about things	72.4	70.2	72.1	75.9	79.2	70.0	72.3	70.2	76.6	73.0	72.5	75.0	79.1	78.4	80.5
prepare for graduate school	51.5	48.3	51.2	56.8	73.3	47.3	56.4	49.2	52.3	55.6	53.6	54.9	62.9	70.6	78.0
Reasons Noted as Very Important in Selecting This College															
relatives wanted me to come	8.5	9.3	8.8	7.1	14.8	9.1	10.7	8.8	8.1	10.1	8.0	7.0	7.4	14.2	15.8
advice of teacher	3.8	4.6	3.7	2.6	6.5	4.5	5.1	3.4	4.6	3.9	3.9	2.5	3.1	6.3	6.7
good academic reputation	52.8	44.9	53.1	63.7	49.6	45.3	41.6	46.9	64.3	57.9	61.0	59.6	77.3	39.1	67.5
good social reputation	22.4	18.4	21.2	30.1	28.3	18.1	20.9	18.9	22.8	24.7	26.4	31.2	26.5	27.0	30.7
offered financial assistance	22.8	18.7	28.7	19.2	34.9	17.4	29.8	23.8	30.6	40.8	35.1	15.9	29.9	32.3	39.4
offers special programs	20.3	20.5	21.3	18.4	32.0	19.8	25.7	19.3	25.1	23.6	21.6	17.8	20.5	27.2	40.3
low tuition	21.9	24.4	21.5	19.1	25.9	26.3	9.4	32.0	7.6	7.0	7.0	23.9	3.1	31.5	16.3
advice of guidance counselor	7.1	9.0	6.8	4.9	10.7	8.7	11.3	6.7	7.3	5.9	7.5	4.9	4.8	11.3	9.6
wanted to live near home	19.0	24.4	18.5	12.0	17.9	25.3	17.2	22.0	11.8	13.7	18.6	13.4	7.6	20.9	12.8
friend suggested attending	8.3	9.1	8.6	6.4	12.2	8.8	11.6	8.7	7.6	9.7	8.3	6.7	5.5	12.9	11.1
recruited by college rep	3.7	3.2	5.1	2.2	9.2	2.5	8.8	3.5	5.5	9.5	6.4	2.0	3.1	8.6	10.1
recruited by athletic department	4.7	3.4	6.7	3.2	6.2	2.5	10.6	5.3	6.7	10.7	7.6	2.9	4.3	6.6	5.4
graduates go to top grad schools	23.9	20.8	23.2	29.6	27.8	20.4	23.8	18.7	30.1	28.9	27.7	25.8	42.1	20.1	41.0
graduates get good jobs	43.7	41.6	42.8	47.9	46.7	42.5	34.8	39.4	49.3	44.1	49.4	45.0	57.4	39.6	58.7
not offered aid by first choice	5.2	4.5	5.8	5.3	9.4	4.5	4.7	6.1	4.5	6.1	6.0	5.7	4.0	9.4	9.5
religious affiliation of college	4.3	2.4	6.9	2.8	7.2	1.3	11.4	1.8	9.1	19.9	11.3	0.9	8.7	6.1	9.1
size of college	31.2	23.5	41.5	25.1	35.0	20.9	44.8	34.7	46.2	54.2	54.1	20.7	39.5	31.8	40.4
Residence Preferred During Fall Term															
with parents or relatives	14.2	24.4	11.6	6.5	13.2	25.7	14.5	12.8	9.0	9.8	13.0	7.1	4.6	13.8	12.2
other private home,apt,room	33.6	37.5	32.6	30.6	43.7	37.6	36.3	37.1	25.8	28.7	25.0	34.1	19.7	46.5	39.4
college dormitory	36.8	23.6	40.6	46.3	27.6	22.3	33.6	34.3	50.4	47.3	47.5	41.9	60.4	23.4	33.9
fraternity or sorority house	6.7	5.0	6.3	9.4	4.4	4.7	7.4	6.5	5.8	6.9	4.8	9.7	8.4	4.2	4.8
other campus housing	6.1	5.8	6.7	5.6	8.7	5.9	4.9	6.8	7.0	5.4	7.9	5.5	5.7	9.3	7.7
other	2.5	3.7	2.2	1.5	2.5	3.8	3.2	2.5	1.9	2.0	1.7	1.6	1.2	2.8	2.1
Residence Planned During Fall Term															
with parents or relatives	29.5	54.1	19.2	11.4	14.6	58.3	18.9	25.0	9.4	9.9	19.3	13.2	5.7	13.2	17.0
other private home,apt,room	7.4	14.3	3.7	3.8	4.4	15.6	3.5	4.8	2.7	1.9	2.1	4.6	1.1	4.1	4.9
college dormitory	58.9	25.2	74.0	81.7	77.7	19.4	75.1	66.4	85.1	86.2	77.2	79.3	89.7	80.2	73.2
fraternity or sorority house	0.5	0.3	0.4	0.7	0.6	0.3	0.3	0.5	0.5	0.5	0.1	0.8	0.6	0.4	1.0
other campus housing	3.0	4.6	2.2	2.1	2.0	4.9	1.5	2.8	2.0	1.3	0.9	1.9	2.8	1.0	3.7
other	0.7	1.4	0.4	0.2	0.8	1.5	0.6	0.5	0.3	0.2	0.3	0.3	0.1	1.0	0.8

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family	79.8	71.8	82.6	87.1	73.6	70.5	82.9	79.7	87.5	85.3	86.0	85.9	90.9	70.6	79.0
spouse	1.1	1.8	0.9	0.5	1.6	1.8	1.5	0.9	0.8	0.9	0.7	0.5	0.4	1.6	1.6
savings from summer work	54.3	47.5	54.9	63.5	34.2	47.8	44.8	53.3	57.7	54.1	60.8	64.6	60.0	33.3	36.0
other savings	28.6	25.3	28.2	34.1	19.4	25.5	23.7	27.2	30.3	28.1	31.2	34.1	34.2	18.2	21.7
part-time job on campus	19.8	13.4	23.4	23.4	21.0	12.2	23.1	18.0	30.8	30.8	30.3	21.5	29.9	16.1	29.9
other part-time job while at col	24.3	31.1	21.2	19.3	17.9	32.6	18.9	24.0	16.1	16.7	21.9	21.3	12.5	16.6	20.3
full-time job while at college	2.0	2.5	2.1	1.1	4.3	2.5	1.9	2.5	1.5	1.4	1.4	1.3	0.6	4.2	4.5
Pell Grant	21.6	25.5	22.0	15.3	39.0	25.4	26.3	20.2	21.6	28.4	23.2	15.3	15.5	36.5	43.6
Supp Educational Oppty Grant	6.0	5.3	6.8	5.8	11.7	5.1	7.3	5.1	8.0	10.6	8.7	5.0	8.6	8.5	17.4
state scholarship or grant	15.0	12.8	17.3	14.3	14.1	11.9	20.0	14.7	17.3	25.1	21.3	14.3	14.5	12.9	16.1
College Work-Study Grant	10.1	7.3	12.4	10.5	15.2	6.6	13.2	7.0	17.4	21.3	21.0	8.1	18.7	9.2	26.0
other college grant	20.3	11.3	27.6	21.9	17.8	9.3	27.9	19.5	33.0	44.9	38.0	17.3	37.4	13.5	25.6
other private grant	9.2	6.3	10.6	11.2	8.2	5.8	10.2	7.9	13.3	16.8	11.9	9.8	15.9	6.3	11.6
other govt aid (ROTC,BIA,GI,etc)	2.5	2.1	2.9	2.2	4.1	2.1	2.7	3.5	2.6	1.9	1.6	2.1	2.5	4.0	4.1
Federal Guaranteed Student Loan	22.7	24.0	23.4	19.7	30.3	24.0	23.4	17.9	29.2	32.0	32.5	17.6	26.4	26.2	37.7
National Direct Student Loan	2.4	2.2	2.6	2.6	4.6	2.0	3.7	1.9	3.5	3.7	3.5	2.3	3.6	4.1	5.5
other college loan	7.7	6.6	8.2	8.5	8.1	6.2	9.6	5.7	11.3	11.7	11.5	7.1	13.0	7.1	10.0
other loan	6.3	6.1	6.7	6.2	7.6	5.9	7.9	5.5	8.2	8.5	8.1	5.9	7.2	7.3	8.2
other	3.1	2.5	3.7	2.9	2.5	2.5	2.8	3.9	3.2	3.7	3.3	2.8	3.2	2.0	3.5
Received $1,500 or More From															
parents or family	53.6	39.1	57.1	69.3	38.1	36.7	58.8	49.8	70.4	61.5	69.4	66.1	79.9	35.3	43.1
spouse	0.3	0.4	0.2	0.2	0.4	0.4	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.4	0.5
savings from summer work	6.8	4.4	6.7	10.3	1.4	4.4	4.3	5.4	9.2	6.7	10.4	10.3	10.6	1.3	1.5
other savings	5.4	3.8	5.3	7.9	1.9	3.8	4.2	4.2	7.6	5.9	6.8	7.3	9.7	1.8	2.2
part-time job on campus	0.9	0.2	0.9	1.9	1.2	0.2	0.6	0.4	1.5	1.1	2.1	1.1	4.3	0.7	2.1
other part-time job while at col	1.2	1.3	1.0	1.2	0.9	1.3	1.1	1.0	1.1	0.9	1.5	1.2	1.2	0.9	0.8
full-time job while at college	0.5	0.6	0.5	0.3	0.8	0.6	0.4	0.5	0.6	0.3	0.4	0.4	0.2	0.8	0.8
Pell Grant	5.8	5.1	6.7	5.2	14.2	4.7	8.6	5.4	7.4	10.2	7.6	4.9	6.4	11.6	19.1
Supp Educational Oppty Grant	1.0	0.6	1.3	1.3	2.5	0.5	1.4	0.6	2.1	2.4	2.3	0.7	3.1	1.6	4.3
state scholarship or grant	3.4	1.8	4.7	3.6	3.3	1.3	5.8	3.2	5.3	8.5	7.5	2.9	6.0	3.0	4.0
College Work-Study Grant	1.0	0.3	1.0	1.9	1.9	0.2	1.0	0.5	1.8	1.6	2.4	1.1	4.5	0.9	3.7
other college grant	8.9	2.2	13.6	11.0	7.6	1.4	9.4	5.6	22.3	26.9	23.4	6.0	27.6	3.8	14.6
other private grant	2.2	1.2	2.6	3.2	1.9	1.0	2.4	1.5	4.0	4.6	3.4	2.2	6.3	1.1	3.3
other govt aid (ROTC,BIA,GI,etc)	1.5	0.9	1.9	1.5	2.0	0.9	1.4	2.4	1.8	0.7	0.8	1.3	2.2	2.0	2.1
Federal Guaranteed Student Loan	13.1	13.0	13.9	11.7	18.3	13.1	12.4	9.1	20.0	20.5	21.7	9.5	18.9	14.2	25.6
National Direct Student Loan	0.9	0.7	1.0	1.0	2.0	0.7	1.4	0.6	1.6	1.4	1.6	0.7	1.9	1.8	2.3
other college loan	3.5	2.6	3.9	4.4	3.6	2.4	4.1	2.3	6.3	5.6	5.7	3.3	8.2	2.8	5.1
other loan	3.4	2.8	3.7	3.6	4.3	2.6	4.2	2.7	5.3	4.9	4.9	3.2	4.9	4.1	4.8
other	1.4	0.9	1.9	1.3	1.2	0.8	1.4	2.1	1.7	1.7	1.6	1.1	1.9	0.7	2.0
Concern about Financing College															
no concern	35.7	36.3	35.2	35.8	25.8	35.2	45.1	36.3	35.2	32.5	32.5	35.4	37.3	26.1	25.3
some concern	51.2	51.2	51.1	51.3	53.1	52.1	43.4	50.6	50.4	52.7	52.4	51.7	49.9	53.5	52.5
major concern	13.1	12.5	13.7	12.9	21.0	12.7	11.5	13.0	14.4	14.8	15.1	13.0	12.8	20.4	22.2

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Students Estimate Chances Are Very Good That They Will															
change major field	13.3	9.6	14.1	17.2	9.6	9.4	11.6	13.8	14.9	13.6	15.0	17.2	17.1	9.5	9.9
change career choice	12.2	8.4	12.9	16.4	7.4	8.1	11.2	12.1	14.4	13.3	14.0	16.2	17.1	7.1	7.9
fail one or more courses	1.4	1.5	1.4	1.2	2.2	1.5	1.9	1.5	1.3	1.2	1.1	1.2	1.0	2.1	2.3
graduate with honors	12.6	9.8	13.7	15.0	22.1	9.8	9.8	12.6	15.2	15.9	13.1	13.9	18.5	20.5	25.1
be elected to student office	3.4	2.9	3.9	3.4	9.4	2.8	4.1	3.4	4.4	5.0	4.3	3.0	4.8	8.5	11.1
get job to pay expenses	34.7	33.7	34.9	36.0	28.0	34.6	26.1	34.6	35.5	34.0	37.2	35.9	36.2	27.3	29.1
work full-time while attending	3.6	4.7	3.7	1.9	5.3	4.8	3.2	4.5	2.4	2.6	2.8	2.1	1.4	5.7	4.6
join social frat or sorority	17.9	11.1	20.1	24.0	29.1	10.4	16.3	18.6	21.3	24.4	19.5	22.4	29.1	27.6	31.8
play varsity athletics	14.6	12.3	18.3	11.8	17.8	11.1	21.8	15.0	22.2	24.0	21.4	10.9	14.4	19.5	14.8
be elected to an honor society	7.5	4.6	8.9	9.4	15.5	4.4	6.3	7.9	9.8	11.4	8.7	8.4	12.6	13.6	18.9
make at least "B" average	41.0	34.9	41.8	48.6	44.9	35.4	30.8	39.7	45.8	43.1	44.6	46.2	56.5	43.3	47.7
need extra time for degree	7.4	7.0	7.5	7.7	10.8	6.8	8.4	8.4	5.7	6.9	6.6	8.5	5.2	11.0	10.3
get tutoring in some courses	12.6	13.1	13.3	10.6	25.3	12.4	18.9	14.0	11.8	12.5	13.9	11.0	9.1	24.0	27.6
work at outside job	20.1	24.3	18.8	16.4	15.5	25.4	15.7	21.2	14.6	14.6	19.4	17.5	13.0	15.2	15.9
seek vocational counseling	4.4	3.3	4.7	5.5	6.0	3.2	3.8	4.1	5.6	5.2	5.4	5.2	6.5	5.4	7.0
seek individual counseling	3.4	3.3	3.8	2.9	8.5	3.1	4.6	3.6	3.9	4.2	4.3	2.9	2.9	8.3	9.0
get bachelor's degree	68.5	52.8	75.1	80.2	74.4	52.9	52.3	74.2	78.8	73.7	75.3	79.0	84.1	73.1	76.7
participate in student protests	6.3	4.1	7.3	7.9	13.7	3.9	5.6	6.1	10.8	7.7	7.4	7.4	9.7	11.7	17.3
drop out temporarily	1.1	1.3	1.1	0.8	2.2	1.3	1.4	1.1	1.0	1.3	1.2	0.8	0.8	2.2	2.1
drop out permanently	0.8	1.0	0.9	0.5	1.9	0.9	1.4	0.9	0.7	1.1	1.0	0.6	0.5	1.8	2.1
transfer to another college	11.8	16.7	11.3	5.4	12.4	16.0	22.7	13.3	7.1	10.8	7.9	6.1	3.2	13.8	9.7
be satisfied with college	49.7	44.4	50.0	56.7	44.6	44.1	46.5	45.8	57.1	54.7	54.1	54.0	65.6	40.1	52.6
find job in own field	69.5	68.0	69.6	71.6	68.3	68.4	64.4	70.7	67.4	68.6	68.6	71.6	71.7	67.0	70.6
marry while in college	4.8	4.9	5.5	3.7	6.0	4.9	4.9	6.1	3.9	6.1	3.7	4.1	2.5	6.2	5.6
buy computer in next 12 months	13.0	9.8	13.2	17.3	14.4	10.0	8.5	12.9	16.4	11.1	12.0	15.7	22.2	13.7	15.7
Objectives Considered to Be Essential or Very Important															
achieve in a in performing art	11.1	9.8	12.1	11.4	16.1	9.3	14.2	10.9	14.0	14.4	11.2	10.8	13.2	15.0	18.1
become authority in my field	65.8	62.4	66.7	69.0	77.4	62.0	65.3	67.4	65.9	66.1	64.8	68.8	69.8	76.7	78.6
obtain recog from colleagues	55.0	51.9	55.8	58.2	66.9	51.4	55.1	56.1	55.9	53.8	57.5	58.2	58.2	65.6	69.2
influence political structure	19.9	16.7	21.3	22.1	34.8	16.2	20.7	19.9	23.6	22.8	23.1	20.9	26.0	32.8	38.4
influence social values	41.1	37.1	44.5	41.2	57.8	35.9	46.4	42.7	45.2	49.4	46.6	40.2	44.4	56.1	60.8
raise a family	68.8	66.8	69.8	69.8	67.6	66.4	70.7	68.6	69.8	72.4	72.9	68.9	72.8	67.4	68.0
have admin responsibility	43.6	43.9	43.7	43.1	59.9	43.4	47.3	45.0	40.3	42.6	44.8	43.4	42.1	60.6	58.6
be very well off financially	75.4	78.3	73.3	74.7	88.3	78.9	74.1	76.5	69.0	66.9	73.7	76.0	70.5	88.6	87.8
help others in difficulty	59.7	57.5	62.4	58.3	75.4	56.6	64.7	61.2	61.4	66.6	65.2	57.5	60.6	74.5	76.8
theoretical contrib to science	17.1	15.8	16.4	20.4	25.8	16.0	14.0	16.0	17.8	16.9	14.7	20.7	19.3	22.0	32.5
write original works	12.5	10.1	13.8	13.7	16.8	9.9	11.1	12.4	16.2	15.9	13.8	13.1	15.7	14.7	20.5
create artistic work	12.5	12.1	12.6	12.9	15.0	11.7	15.3	11.3	15.8	13.2	12.7	13.0	12.2	13.9	17.1
be successful in own business	45.1	47.6	43.9	43.4	66.2	47.1	51.8	44.5	42.6	42.5	45.4	44.0	41.4	67.0	64.9
be involved in environ clean-up	26.1	24.4	26.6	27.7	36.2	24.0	28.0	25.0	30.4	28.2	26.1	27.4	28.7	34.7	38.9
develop philosophy of life	40.8	35.4	43.0	45.2	59.7	34.5	42.3	40.5	47.0	47.1	43.0	43.5	50.8	58.2	62.2
participate in community action	23.3	19.8	25.6	24.5	46.9	18.9	27.3	23.5	27.5	30.4	26.6	23.3	28.4	44.7	50.9
promote racial understanding	35.3	29.9	38.7	37.3	74.5	28.9	37.9	36.4	43.2	41.8	38.1	35.9	41.9	71.9	79.0
keep up to date with politics	39.4	30.3	41.9	48.4	50.8	29.3	37.7	39.5	47.2	43.5	43.8	46.0	56.2	48.5	54.8

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1989

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Political Views															
far left	1.9	2.1	2.0	1.6	4.0	2.1	2.6	2.0	2.2	1.9	1.5	1.6	1.5	3.9	4.0
liberal	21.7	18.6	22.2	25.2	31.1	18.3	20.6	21.0	26.3	21.6	21.9	25.1	25.3	28.8	35.0
middle of the road	53.6	59.0	52.1	48.4	46.4	59.6	54.7	54.7	47.2	47.9	53.3	49.9	43.3	47.4	44.6
conservative	21.3	18.7	22.2	23.5	16.6	18.5	20.5	20.7	22.7	27.0	21.8	22.1	28.2	17.4	15.3
far right	1.5	1.6	1.6	1.4	1.9	1.6	1.6	1.6	1.6	1.7	1.6	1.3	1.7	2.4	1.1
Agrees Strongly or Somewhat															
govt not protecting consumer	68.4	70.8	68.5	64.6	78.0	70.8	70.9	68.7	68.2	68.5	68.2	65.4	62.0	77.4	79.0
govt not promoting disarmament	68.1	67.2	68.9	68.1	78.4	67.1	68.3	67.9	70.8	69.1	72.0	68.2	67.9	76.6	81.4
govt not controlling pollution	86.3	84.4	86.8	88.4	82.9	84.6	83.1	86.3	88.1	87.0	86.8	88.1	89.1	81.5	85.2
raise taxes to reduce deficit	28.8	25.4	28.6	33.9	24.4	25.2	27.2	27.0	32.3	30.1	28.5	33.1	36.5	23.0	26.7
too much concern for criminals	68.5	69.3	68.5	67.4	57.6	69.6	66.9	69.5	66.1	68.3	67.2	68.0	65.6	55.7	60.6
increase fed military spending	24.5	28.4	24.3	19.3	30.5	28.3	29.6	26.0	21.5	23.9	19.5	19.7	18.3	32.5	27.3
abortion should be legalized	64.7	62.7	63.0	70.0	70.4	62.8	62.4	64.7	67.4	55.7	54.8	71.3	65.9	69.6	71.7
abolish death penalty	21.3	20.0	22.1	22.0	36.2	19.8	21.7	20.3	25.0	22.9	26.7	21.1	24.7	35.7	37.0
sex OK if people like each other	49.7	51.8	46.7	51.5	42.9	52.6	44.9	48.3	50.3	37.5	44.9	53.2	46.0	43.6	41.8
married women best in home	25.9	29.8	25.4	21.2	34.5	29.7	30.5	25.7	23.9	26.2	24.9	21.6	20.0	34.8	33.9
live together before marriage	50.7	53.8	47.3	51.7	52.3	54.5	48.1	49.1	51.4	37.0	45.5	53.3	46.6	54.3	49.0
marijuana should be legalized	16.7	16.7	15.8	18.0	16.2	16.6	18.0	15.2	18.9	14.6	15.8	18.5	16.4	16.4	15.9
busing OK to achieve balance	56.0	57.9	55.3	54.6	66.8	58.0	56.6	54.4	57.3	55.9	55.8	55.1	52.8	66.6	67.1
prohibit homosexual relations	45.4	50.7	45.3	37.9	45.9	50.3	54.1	47.1	39.3	48.8	39.3	39.3	33.3	46.9	44.1
no endow investment in S Africa	48.8	43.3	50.2	54.3	54.8	43.5	41.5	47.9	55.9	51.1	51.1	52.5	60.2	50.4	62.1
college increases earning power	70.9	77.4	68.9	65.0	78.0	77.8	74.0	73.4	61.1	64.3	64.9	67.6	56.5	78.4	77.4
employers can require drug tests	77.8	78.5	78.7	75.5	79.8	78.3	79.5	79.7	74.9	81.2	75.8	75.2	76.4	79.1	80.9
control AIDS by mandatory tests	67.2	73.1	66.1	60.8	68.7	73.1	72.8	68.3	60.9	64.8	65.3	62.4	55.4	69.0	68.2
man not entitled to sex on date	86.4	83.6	87.5	88.8	82.5	83.3	85.7	87.3	87.9	87.9	87.2	88.3	90.4	81.6	84.1
only volunteers in Armed Service	51.5	51.1	51.7	51.6	56.7	51.1	50.8	52.0	52.7	50.4	50.2	51.8	50.7	56.8	56.6
fed govt control handguns more	78.2	75.2	79.6	80.2	86.9	74.6	79.4	78.3	81.6	80.3	82.9	79.3	83.0	86.7	87.3
national health care plan needed	75.8	78.9	75.4	72.2	85.0	79.1	76.9	75.6	75.7	72.8	78.3	73.3	68.5	84.9	85.3
Permission to Use Student I.D.															
yes	77.5	72.8	80.2	79.6	83.8	72.8	73.3	81.6	79.4	79.1	73.5	80.4	77.2	87.6	75.6
no	22.5	27.2	19.8	20.4	16.2	27.2	26.7	18.4	20.6	20.9	26.5	19.6	22.8	12.4	24.4

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1989 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Year Graduated from High School												
1989	97.4	96.5	98.3	98.8	98.4	98.6	98.6	97.8	99.0	99.1	98.9	99.0
1988	1.4	1.8	1.2	0.8	1.0	1.1	0.7	1.4	0.7	0.7	0.6	0.8
1987	0.5	0.6	0.2	0.2	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1
1986 or earlier	0.6	1.0	0.2	0.2	0.4	0.1	0.4	0.4	0.1	0.1	0.2	0.0
H.S. equivalency (G.E.D. test)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0
never completed high school	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Age on December 31, 1989												
16 or younger	0.0	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.3
17	1.6	1.5	3.2	1.5	3.0	4.1	2.4	2.8	4.2	2.0	3.7	6.4
18	70.9	69.0	77.3	68.4	74.5	75.2	79.6	78.2	82.1	76.9	81.3	80.4
19	25.3	26.7	18.1	29.1	21.3	19.6	16.8	17.8	13.1	20.4	14.3	12.6
20	1.2	1.6	0.9	0.8	0.7	0.7	0.6	0.7	0.4	0.4	0.3	0.4
21-24	0.7	0.9	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.1	0.2	0.0
25-29	0.1	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
30-39	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
40-54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1,2)												
White/Caucasian	88.6	92.1	78.7	88.2	82.7	79.8	84.9	90.0	77.4	87.5	81.7	76.5
Black/Negro/Afro-American	4.3	3.3	5.3	2.5	3.6	4.1	8.5	5.6	7.8	4.6	5.5	7.6
American Indian	0.9	0.5	0.8	0.8	0.8	0.7	1.1	0.7	1.1	0.6	0.8	1.2
Asian-American/Oriental	3.3	3.0	11.2	4.8	9.0	12.7	2.5	2.9	9.9	4.2	8.0	12.0
Mexican-American/Chicano	2.7	0.8	2.4	3.5	2.8	2.0	3.1	0.8	2.6	3.2	2.2	2.6
Puerto Rican-American	0.4	0.4	1.1	0.5	1.0	1.0	0.4	0.4	0.9	0.3	1.1	0.9
other	1.6	0.9	3.0	1.6	3.0	2.6	1.2	0.9	3.5	1.8	3.3	2.5
Average High School Grade												
A or A+	11.7	13.1	24.0	17.8	18.4	41.0	14.5	16.5	28.4	25.3	23.8	46.7
A-	12.9	17.1	26.2	21.0	22.4	29.1	15.6	19.3	29.1	23.4	26.3	28.0
B+	19.2	20.7	24.7	23.3	25.9	17.8	22.5	23.9	23.8	22.1	25.2	16.4
B	27.5	25.5	17.1	22.0	22.7	9.2	29.2	25.4	14.0	19.7	19.0	7.4
B-	15.8	13.3	5.8	10.3	7.7	2.3	11.4	8.7	3.5	6.8	4.5	1.2
C+	9.1	7.2	1.9	4.4	2.4	0.6	5.2	4.6	0.9	2.1	1.0	0.2
C	3.7	3.0	0.4	1.2	0.6	0.1	1.6	1.5	0.2	0.6	0.1	0.1
D	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Miles from College to Home												
5 or less	4.3	3.8	2.8	2.5	3.6	1.8	4.5	3.9	2.2	2.7	3.7	2.1
6-10	9.4	3.0	3.0	3.9	5.0	1.9	9.8	3.5	2.9	4.5	5.2	2.6
11-50	22.5	15.5	18.8	13.2	19.8	9.2	22.4	15.8	17.2	13.6	18.3	9.4
51-100	13.9	20.8	20.3	13.9	7.8	5.9	15.6	21.4	20.4	14.7	8.5	5.9
101-500	36.6	51.2	45.4	44.0	35.8	35.5	34.7	48.3	46.8	42.1	36.7	31.5
more than 500	13.3	5.8	9.6	22.5	27.9	45.7	13.0	7.2	10.5	22.4	27.7	48.4

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Estimated Parental Income												
less than $6,000	1.7	1.7	1.4	1.2	1.3	1.2	2.2	2.4	1.7	1.3	1.5	1.0
$6,000 - $9,999	1.5	1.8	1.6	1.5	1.3	0.8	2.0	2.2	1.8	1.6	1.4	1.5
$10,000 - $14,999	2.8	3.8	2.9	2.0	2.1	1.9	4.0	4.6	3.3	3.0	2.4	2.8
$15,000 - $19,999	3.7	4.8	3.0	2.6	2.7	2.8	4.0	5.2	3.2	3.3	2.9	2.5
$20,000 - $24,999	4.8	7.0	4.3	4.2	3.4	3.2	5.6	6.7	4.2	4.5	4.1	3.4
$25,000 - $29,999	5.3	6.8	4.2	4.2	3.5	3.5	6.1	6.8	4.3	4.8	4.2	3.4
$30,000 - $34,999	7.9	9.4	5.5	6.4	5.2	5.3	7.6	9.5	6.2	6.9	5.6	4.0
$35,000 - $39,999	8.0	8.5	6.2	6.8	6.0	5.3	7.7	9.2	6.3	6.8	6.1	5.3
$40,000 - $49,999	13.6	13.7	11.1	10.3	9.3	9.1	12.4	12.9	11.7	10.8	10.3	8.1
$50,000 - $59,999	12.7	13.8	13.4	11.3	10.6	10.8	13.1	12.6	12.6	12.3	10.1	9.7
$60,000 - $74,999	13.6	11.8	15.7	13.8	12.0	13.1	13.8	11.1	17.1	14.0	12.5	12.8
$75,000 - $99,999	10.2	7.8	13.6	12.9	12.9	13.8	9.6	8.3	12.0	11.8	12.2	12.5
$100,000 - $149,999	7.8	5.4	9.8	10.9	12.0	12.6	6.1	4.7	8.8	8.9	11.7	13.3
$150,000 or more	6.4	3.6	7.1	11.9	17.7	16.6	5.8	3.8	6.6	10.1	15.1	19.8
Status of Parents												
living with each other	74.6	77.5	77.7	79.7	78.3	80.5	71.6	74.3	74.7	77.7	76.1	78.5
divorced or separated	21.5	18.5	18.9	16.0	17.9	16.0	24.5	21.5	21.7	18.6	19.8	18.0
one or both deceased	3.9	4.0	3.4	4.4	3.8	3.5	3.9	4.2	3.6	3.7	4.1	3.5
Students Strongly Agreed with Characterization of Parents As												
interested in intell pursuits	26.6	24.8	34.6	31.3	36.3	39.7	34.0	31.6	44.5	41.7	46.8	53.0
interested in cultural pursuits	10.7	9.8	16.4	13.9	19.4	22.7	15.4	13.9	22.6	20.5	27.7	34.0
deeply religious	13.3	12.5	11.6	22.3	14.8	13.7	12.3	11.8	12.2	22.2	14.3	13.9
interested in politics	10.1	8.6	11.9	13.4	14.3	14.1	10.4	8.9	11.5	12.2	14.4	16.5
deeply concerned about children	71.8	69.6	75.2	77.8	79.1	79.2	77.4	76.6	80.4	82.7	82.7	83.3
financially comfortable	22.9	18.6	24.6	26.3	29.5	28.1	22.8	18.8	24.8	26.8	28.7	31.9
having high aspirations for me	66.0	60.9	68.8	71.9	74.9	73.4	72.9	68.5	75.7	77.9	79.2	79.4
difficult to talk with	7.7	6.5	6.8	6.7	6.4	7.4	7.3	7.4	7.0	5.9	6.1	6.6
Have Had Remedial Work In												
English	5.5	4.7	3.8	5.8	4.9	3.5	3.6	2.9	2.2	2.8	3.2	2.6
reading	4.7	4.4	3.2	5.0	3.6	2.4	3.2	2.6	1.7	2.6	2.5	1.8
mathematics	8.9	6.6	5.9	10.0	8.9	5.4	11.2	7.9	8.2	11.9	11.9	8.5
social studies	4.0	3.5	2.8	4.1	2.8	1.5	2.7	2.1	1.3	1.7	1.7	1.4
science	4.4	3.9	3.0	4.8	3.7	2.4	3.2	2.8	2.7	3.3	3.4	3.4
foreign language	4.7	3.7	3.6	5.5	4.5	3.2	3.6	2.3	2.0	3.3	3.2	2.7
Will Need Remedial Work In												
English	9.6	8.8	9.7	7.6	7.5	7.2	7.6	6.2	7.8	4.6	5.9	5.7
reading	2.8	2.8	3.6	3.1	2.9	2.7	2.4	2.0	2.6	2.0	1.9	1.4
mathematics	17.4	17.0	13.8	14.8	13.5	9.4	27.8	25.7	21.6	20.5	20.0	15.0
social studies	1.8	1.8	2.1	1.7	1.8	1.6	2.9	2.8	2.3	2.3	1.8	1.4
science	6.8	6.9	7.5	6.5	5.8	6.2	11.6	11.7	11.3	8.0	9.2	9.5
foreign language	10.9	8.3	9.0	8.8	9.8	7.2	9.8	7.1	8.0	7.3	7.8	5.9

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Activities Engaged in by Student During the Past Year												
used a personal computer (3)....	33.6	37.5	40.1	43.3	40.6	53.4	27.6	31.5	31.3	37.9	34.5	44.3
attended a religious service....	78.5	80.1	73.4	88.1	80.8	77.0	84.8	85.9	81.2	92.6	85.5	83.1
was bored in class.....	95.3	95.2	96.3	97.0	95.8	96.7	97.0	96.8	97.5	97.1	97.0	97.2
participated in demonstration...	34.2	31.7	32.5	36.1	33.8	28.6	36.9	34.1	32.2	34.8	32.9	29.1
won varsity letter in sports....	56.7	62.8	57.3	61.0	61.5	60.7	44.3	52.5	45.8	44.2	46.0	48.0
didn't complete homework on time	73.8	70.0	73.2	70.3	71.2	67.2	67.1	64.8	67.7	61.4	64.5	61.1
tutored another student.....	51.1	51.2	60.0	59.6	60.2	72.5	52.1	53.0	62.6	59.1	62.1	74.9
did extra class work/reading (3)	9.5	8.3	10.3	11.5	12.3	14.1	13.3	11.9	12.2	12.6	13.6	16.3
studied with other students.....	87.2	86.8	87.7	89.1	89.2	89.5	91.1	90.9	91.6	92.7	91.9	91.2
was a guest in a teacher's home.	29.1	27.9	30.1	31.3	32.6	37.4	30.7	28.7	32.3	33.5	34.6	40.3
smoked cigarettes (3).....	7.0	5.2	5.4	5.1	6.0	4.1	8.7	7.3	6.9	6.2	7.9	5.3
drank beer.....	68.4	69.8	68.5	64.7	71.5	65.9	58.8	61.7	58.2	51.6	60.5	56.1
drank wine or liquor.....	62.0	60.3	63.7	58.9	66.5	62.3	67.3	69.9	68.4	62.2	70.7	67.7
stayed up all night.....	80.7	77.2	78.1	80.0	79.9	76.2	82.3	79.4	80.5	80.3	81.1	77.8
spoke other language at home (3)	5.8	4.3	12.9	5.5	12.0	13.2	6.1	4.6	11.5	6.1	12.0	12.1
felt overwhelmed (3).....	14.2	13.4	15.1	14.6	14.5	15.4	28.6	27.3	32.6	28.3	30.3	32.0
felt depressed (3).....	6.6	5.6	6.9	5.0	5.4	7.1	10.8	10.0	11.4	7.5	8.9	10.3
argued with teacher in class....	54.0	51.6	54.3	53.4	55.8	57.6	40.6	40.5	41.2	35.0	40.0	45.0
took sleeping pills.....	2.9	2.1	2.7	3.0	2.9	2.3	2.9	2.2	2.5	2.9	2.8	2.5
took a tranquilizing pill.....	1.5	0.9	1.6	1.5	1.5	1.2	1.6	1.0	1.5	1.1	1.6	1.4
discussed personal prob w/friend	85.9	86.2	88.1	88.5	89.1	88.4	97.2	97.3	97.8	97.5	97.2	97.4
studied in the library (3).....	12.6	11.8	13.3	13.5	15.1	16.2	16.0	16.9	17.6	17.6	18.2	21.2
performed volunteer work.....	60.4	60.1	66.0	70.2	69.7	74.6	67.2	67.3	76.1	76.1	78.2	84.3
visited art gallery or museum...	55.2	54.1	62.1	62.7	65.3	70.6	59.3	61.9	70.5	69.8	74.1	81.5
worried about choosing career...	74.0	75.7	76.0	74.7	72.4	71.6	77.9	78.4	81.0	76.4	77.7	77.0
Student's Religious Preference												
Baptist.....	13.3	5.4	6.7	18.2	5.4	4.1	15.7	6.5	9.1	19.4	5.3	5.0
Buddhist.....	0.3	0.4	1.1	0.2	1.0	0.8	0.3	0.2	0.7	0.2	0.8	0.9
Congregational.....	1.0	2.3	1.4	0.8	0.8	0.9	1.3	2.3	1.4	1.1	1.4	1.1
Eastern Orthodox.....	0.7	0.6	0.8	0.3	1.0	0.7	0.6	0.6	0.9	0.3	0.9	0.7
Episcopal.....	2.5	2.0	3.4	2.7	3.2	4.1	3.3	2.4	4.2	2.8	4.1	5.5
Islamic.....	0.4	0.3	0.6	0.2	0.6	0.7	0.2	0.2	0.5	0.1	0.4	0.6
Jewish.....	4.4	3.0	8.4	2.4	9.2	11.4	5.0	3.4	7.7	1.7	8.3	13.3
LDS (Mormon).....	0.6	0.1	0.2	0.1	0.4	0.4	0.6	0.1	0.2	0.1	0.2	0.3
Lutheran.....	6.0	14.0	3.1	5.5	3.3	3.0	5.4	12.2	3.4	5.8	4.0	2.6
Methodist.....	9.6	7.8	6.4	6.7	6.3	5.1	11.0	9.4	7.4	8.2	7.7	5.8
Presbyterian.....	5.4	5.1	5.7	4.3	5.3	5.0	5.9	5.0	6.0	4.8	7.0	6.6
Quaker.....	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.1	0.2	0.3	0.2	0.2
Roman Catholic.....	29.4	35.8	30.6	40.7	39.8	33.8	29.1	38.3	31.7	40.5	38.5	31.3
Seventh Day Adventist.....	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.3	0.2
other Protestant.....	4.2	4.1	3.5	4.2	3.5	3.6	4.1	3.7	4.0	4.7	3.6	3.6
other religion.....	5.0	3.2	4.6	3.3	3.5	4.6	5.1	3.8	4.7	3.2	3.9	4.8
none.....	16.8	15.7	23.2	9.8	16.2	21.5	12.0	11.6	17.6	6.6	13.3	17.5
Student Born-Again Christian?												
no.....	75.3	83.4	86.3	69.7	86.1	89.7	73.3	83.2	83.7	66.6	84.6	87.8
yes.....	24.7	16.6	13.7	30.3	13.9	10.3	26.7	16.8	16.3	33.4	15.4	12.2

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Student Rated Self Above Average or Highest 10% in												
academic ability	75.7	76.2	88.4	81.7	86.6	95.3	67.9	70.0	84.4	75.9	82.1	93.2
artistic ability	30.4	28.6	32.0	28.5	30.5	34.9	25.7	25.7	28.3	27.4	29.1	37.2
competitiveness	73.3	72.8	71.9	75.6	76.6	78.2	53.2	51.9	54.5	55.8	56.9	65.9
drive to achieve	72.4	72.4	76.3	78.1	79.9	84.3	72.4	71.6	77.7	76.9	79.5	87.1
emotional health	67.6	66.8	65.9	70.6	71.6	70.7	57.6	58.0	58.8	61.4	63.4	64.6
foreign language ability	31.7	29.7	43.1	35.2	40.4	51.3	40.2	41.4	52.9	44.2	50.7	62.0
leadership ability	61.7	60.4	61.2	66.9	68.2	69.7	57.6	55.5	56.5	62.8	61.3	68.5
mathematical ability	59.5	60.5	70.7	58.9	63.6	81.2	40.0	40.4	52.5	45.0	48.5	64.3
physical health	74.3	75.4	72.4	74.5	73.5	71.9	54.8	56.0	55.3	56.4	57.7	58.1
popularity	55.0	54.5	52.5	55.8	59.0	56.1	46.6	45.3	43.6	45.4	47.9	49.6
popularity with opposite sex	52.4	48.5	48.6	51.1	53.3	49.9	44.0	41.1	39.6	40.0	43.1	41.8
public speaking ability	36.4	34.3	39.7	43.2	45.2	49.4	35.1	32.7	36.0	39.2	41.1	47.9
self-confidence (intellectual)	67.7	65.6	73.0	72.9	74.4	82.9	52.7	51.7	58.7	58.5	60.5	70.6
self-confidence (social)	54.1	50.8	51.0	55.8	56.4	53.6	48.3	45.4	44.4	48.9	49.6	48.8
writing ability	47.3	43.5	55.1	56.5	57.3	65.8	49.2	46.9	53.9	54.6	55.0	66.2
Prior Credit at This Institution												
no	96.8	96.8	96.3	96.4	97.3	97.7	96.8	96.6	96.9	96.5	97.0	97.6
yes	3.2	3.2	3.7	3.6	2.7	2.3	3.2	3.4	3.1	3.5	3.0	2.4
This College is Student's												
first choice	72.6	74.4	66.2	76.7	66.2	69.2	72.8	73.8	68.5	82.0	69.2	72.6
second choice	21.0	19.7	23.1	18.6	24.0	21.1	21.2	20.6	22.4	14.8	23.1	19.8
third choice	4.2	4.1	6.7	3.6	6.4	6.3	4.2	3.9	5.8	2.1	5.4	5.1
less than third choice	2.2	1.8	3.9	1.1	3.4	3.4	1.8	1.8	3.2	1.1	2.3	2.6
Number of Other Colleges Applied to for Admission This Year												
none	33.7	31.7	9.9	18.6	9.1	7.4	34.0	30.8	10.1	21.0	9.0	8.0
one	15.8	16.9	9.9	14.2	7.7	6.2	17.3	17.8	10.2	16.7	8.1	6.2
two	16.8	17.8	15.1	18.4	12.0	9.8	16.8	17.8	16.2	18.4	13.0	9.5
three	14.1	14.4	18.9	19.5	16.1	13.9	12.6	14.1	18.1	18.3	16.5	13.3
four	8.2	7.8	15.7	12.9	15.8	14.6	7.9	7.6	15.1	11.3	15.7	15.1
five	5.0	5.1	12.6	7.7	14.7	15.0	5.0	5.5	12.4	7.1	14.3	14.9
six or more	6.5	6.2	17.8	8.7	24.6	33.0	6.4	6.4	17.9	7.1	23.3	33.1
Number of Other College Acceptances This Year (4)												
none	14.4	12.7	4.5	6.6	5.2	2.8	10.3	9.6	3.3	5.1	3.5	2.2
one	28.4	29.1	19.2	23.5	15.4	12.9	29.9	30.3	17.8	25.1	14.4	11.5
two	24.4	25.7	23.7	26.5	21.7	19.1	25.3	25.5	23.4	25.7	22.2	17.1
three	17.0	17.1	22.1	21.4	22.3	21.5	17.5	17.7	22.2	21.8	22.6	21.5
four	8.7	7.8	14.1	12.4	16.7	17.3	9.4	8.8	15.1	12.0	16.7	19.4
five	3.5	3.9	7.9	4.8	8.1	10.9	4.4	4.4	8.5	5.5	9.1	11.8
six or more	3.7	3.6	8.5	4.7	10.6	15.4	3.1	3.6	9.6	4.9	11.4	16.5

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
HOURS PER WEEK IN THE LAST YEAR SPENT ON												
None												
studying or doing homework	1.8	1.5	1.4	1.0	0.9	0.8	0.6	0.3	0.3	0.2	0.2	0.1
socializing with friends	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.0
talking w/teacher outside class	9.4	7.6	6.6	5.7	5.7	4.1	5.3	4.2	3.6	3.0	3.0	2.2
exercising or sports	2.2	1.8	1.7	1.7	1.6	1.9	3.7	2.6	3.0	2.4	3.1	2.9
partying	10.5	11.3	10.9	11.3	7.8	13.3	12.5	13.3	12.2	13.8	9.3	15.9
working (for pay)	24.4	23.5	32.8	33.1	37.8	47.4	24.7	21.6	28.6	33.0	34.4	44.8
volunteer work	51.4	50.6	46.3	42.3	42.2	38.0	46.0	46.5	37.5	36.8	33.9	27.4
student clubs and groups	32.2	34.4	22.5	23.1	19.6	12.4	17.2	17.4	10.3	11.3	8.7	5.0
watching TV	4.1	4.0	5.6	4.6	5.6	6.6	5.8	5.8	6.7	7.1	7.8	9.2
hobbies	7.3	8.0	6.6	6.6	7.6	6.8	8.7	9.9	8.0	7.8	7.0	7.4
Six or More Hours												
studying or doing homework	37.2	39.8	49.3	49.2	52.2	64.5	46.3	52.3	62.3	60.4	65.4	76.7
socializing with friends	79.6	80.7	81.6	81.7	82.7	81.9	80.0	81.3	83.3	81.5	82.0	82.4
talking w/teacher outside class	13.4	11.5	13.3	13.6	15.2	12.3	14.8	13.4	13.7	13.4	16.6	14.4
exercising or sports	61.1	63.8	60.6	64.0	63.8	62.6	39.8	44.4	41.1	42.9	43.7	46.2
partying	38.0	31.7	33.8	34.4	38.6	28.3	35.9	31.2	30.5	30.9	34.5	25.2
working (for pay)	63.7	63.2	54.2	52.6	47.8	36.5	65.4	67.0	60.4	56.3	52.9	39.4
volunteer work	3.7	3.9	5.4	5.8	6.7	5.6	5.3	4.7	6.6	6.6	7.9	8.0
student clubs and groups	10.9	10.7	15.5	17.2	17.6	22.2	19.6	20.6	23.6	26.8	26.0	32.8
watching TV	37.1	35.8	35.8	34.1	34.6	32.3	26.6	25.9	25.7	23.6	22.8	23.2
hobbies	34.1	30.7	32.4	31.7	32.8	30.2	23.4	20.9	21.6	22.1	22.5	23.5
Sixteen or More Hours												
studying or doing homework	5.5	5.6	10.2	9.5	11.4	19.3	7.7	8.6	16.3	13.0	16.9	29.5
socializing with friends	38.6	36.3	38.7	39.6	39.1	34.7	38.5	36.7	37.4	37.7	36.9	35.0
talking w/teacher outside class	3.9	3.1	3.7	3.9	4.5	2.9	3.7	3.3	3.1	3.1	4.0	2.2
exercising or sports	22.8	22.2	20.5	24.3	24.5	21.0	10.4	11.4	9.8	11.2	10.5	10.5
partying	9.8	6.9	7.3	8.3	9.0	5.3	6.9	5.0	4.3	5.1	5.1	3.0
working (for pay)	42.5	39.6	31.5	30.7	26.2	17.6	38.4	37.9	31.1	28.9	26.3	15.6
volunteer work	1.0	0.9	1.5	1.4	1.4	1.3	1.0	1.0	1.4	1.5	1.6	1.3
student clubs and groups	2.3	2.4	3.2	4.3	4.2	5.1	4.5	4.5	4.8	6.3	5.8	7.7
watching TV	9.0	7.8	7.5	7.2	7.9	5.7	4.7	4.9	4.2	4.0	3.3	3.6
hobbies	8.8	7.5	7.6	8.0	7.8	6.3	4.7	3.9	3.8	4.3	4.3	3.8
U.S. Citizen?												
yes	98.1	98.3	93.8	97.9	94.9	94.7	98.6	98.7	95.0	98.0	95.5	96.2
permanent resident	1.3	1.0	4.5	0.8	2.8	2.8	0.9	0.8	3.7	1.0	2.6	2.3
no	0.6	0.8	1.7	1.4	2.4	2.5	0.5	0.5	1.2	1.0	1.9	1.5

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Highest Degrees Planned Anywhere												
none	0.7	0.6	0.4	0.4	0.6	0.2	0.5	0.6	0.4	0.4	0.4	0.1
vocational certificate	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0
associate (A.A. or equivalent)	0.3	0.7	0.1	0.1	0.1	0.0	0.3	1.0	0.1	0.2	0.1	0.0
bachelor's (B.A., B.S.)	28.9	35.5	15.9	19.6	16.0	9.0	26.9	31.1	16.0	25.1	16.1	9.0
master's (M.A., M.S.)	39.7	39.5	41.5	39.9	42.0	37.3	40.9	41.8	41.3	39.8	42.3	36.0
Ph.D. or Ed.D.	15.3	12.9	20.2	13.8	16.9	27.4	14.9	12.5	19.2	13.4	17.1	23.6
M.D., D.O., D.D.S., D.V.M.	7.7	5.5	11.8	12.2	9.8	13.3	9.1	6.8	12.6	10.9	9.6	17.1
LL.B. or J.D. (law)	5.7	4.0	8.8	12.2	13.1	11.4	5.8	5.0	9.5	9.0	12.9	13.2
B.D. or M.Div. (divinity)	0.3	0.1	0.2	0.6	0.4	0.3	0.2	0.1	0.1	0.2	0.2	0.1
other	1.1	1.1	1.0	1.2	1.0	0.9	1.3	1.1	0.7	1.0	1.3	0.8
Highest Degree Planned at Freshman College												
none	1.8	1.6	1.0	0.8	0.9	0.4	1.7	1.6	0.8	0.7	0.7	0.3
vocational certificate	0.2	0.2	0.1	0.2	0.1	0.0	0.2	0.2	0.1	0.0	0.1	0.1
associate (A.A. or equivalent)	1.2	1.9	0.3	0.7	0.2	0.1	1.1	2.1	0.5	0.5	0.2	0.1
bachelor's (B.A., B.S.)	59.3	69.4	66.1	67.5	64.9	66.5	58.6	69.7	69.4	67.3	68.1	72.3
master's (M.A., M.S.)	25.4	20.5	21.1	19.7	23.1	21.4	24.8	20.2	19.5	21.0	20.5	17.2
Ph.D. or Ed.D.	5.4	2.9	4.7	3.0	3.5	5.2	5.5	2.6	3.6	3.1	3.8	3.5
M.D., D.O., D.D.S., D.V.M.	3.5	1.6	3.7	3.7	2.5	3.3	4.6	1.7	3.4	3.2	2.4	4.0
LL.B. or J.D. (law)	2.1	0.9	2.3	3.4	3.7	2.4	1.9	1.0	2.0	3.4	3.3	1.9
B.D. or M.Div. (divinity)	0.1	0.2	0.1	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.1
other	0.9	0.9	0.7	0.7	0.9	0.5	1.3	1.0	0.6	0.7	0.9	0.5
Reasons Noted as Very Important or Essential in Career Choice												
job openings regularly available	68.4	70.3	60.7	62.1	58.3	51.7	70.7	71.8	64.5	66.9	63.7	52.9
rapid advancement possible	70.6	67.8	62.5	65.8	66.3	55.8	64.2	59.5	54.1	55.9	59.6	46.4
high anticipated earnings	77.9	76.5	72.4	75.5	74.5	66.5	70.3	65.9	62.2	60.8	65.4	53.4
well-respected/prestigious job	68.4	64.5	63.9	67.6	69.9	60.5	67.7	63.6	60.5	61.9	64.3	57.1
great deal of independence	69.6	66.0	69.5	67.4	71.7	67.1	71.8	68.2	68.8	64.9	72.1	68.6
chance for steady progress	80.1	79.4	77.8	80.0	79.8	74.5	80.6	77.8	76.7	76.5	80.6	77.1
make important contrib to soc	61.3	58.9	64.1	65.1	65.7	68.6	73.8	72.1	75.3	75.8	76.6	80.1
can avoid pressure	35.4	31.4	32.1	28.1	30.2	22.4	34.4	31.1	30.6	27.2	29.1	20.1
can work with ideas	74.2	71.9	73.7	70.8	74.5	76.3	74.0	70.6	72.6	70.5	74.6	77.2
can be helpful to others	67.2	64.8	68.7	71.9	68.9	68.5	84.0	83.2	81.7	84.8	82.9	81.6
able to work with people	66.2	63.2	67.2	72.0	71.3	63.5	82.9	81.5	81.0	85.6	83.3	79.0
intrinsic interest in field	79.3	77.0	80.6	79.2	79.8	85.2	85.0	83.8	86.2	83.2	85.8	90.0
work would be challenging	73.1	68.7	72.9	75.7	75.7	80.0	80.4	78.1	79.5	81.3	82.7	87.9

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Probable Career Occupation												
accountant or actuary	4.3	4.6	3.4	4.8	3.9	1.2	4.9	5.6	3.4	5.3	4.2	1.2
actor or entertainer	0.9	0.7	1.1	1.3	1.6	1.2	1.1	0.8	1.3	1.4	1.8	2.5
architect or urban planner	4.3	4.0	2.3	0.3	1.4	2.6	1.8	1.3	1.3	0.1	0.7	2.6
artist	1.3	1.2	1.1	1.0	0.8	0.8	1.5	1.9	1.4	1.2	1.1	1.3
business (clerical)	0.4	0.3	0.3	0.3	0.3	0.1	0.5	0.5	0.4	0.4	0.3	0.0
business executive (management)	12.2	11.8	14.1	16.0	16.9	10.9	9.0	10.5	9.3	10.3	11.9	7.2
business owner or proprietor	4.7	3.6	3.7	6.4	6.5	2.5	2.0	1.7	1.6	1.8	2.3	1.1
business salesperson or buyer	1.4	1.0	0.8	1.2	1.1	0.2	2.0	1.2	0.7	1.2	1.1	0.3
clergy (minister,priest)	0.1	0.1	0.1	0.7	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
clergy (other religious)	0.0	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.0
clinical psychologist	0.5	0.4	0.7	1.1	0.5	0.4	3.0	2.7	3.4	2.8	2.3	1.7
college teacher	0.3	0.4	1.0	0.2	0.4	1.0	0.4	0.4	0.8	0.7	0.6	1.2
computer programmer or analyst	2.2	3.1	2.7	2.3	1.4	2.8	0.9	0.9	0.9	0.8	0.5	0.4
conservationist or forester	0.7	1.8	0.5	0.1	0.2	0.1	0.2	0.5	0.3	0.2	0.1	0.2
dentist (including orthodontist)	0.9	0.4	1.0	1.5	0.7	0.3	0.7	0.6	0.5	0.9	0.5	0.3
dietitian or home economist	0.1	0.1	0.0	0.0	0.0	0.0	0.6	0.9	0.2	0.2	0.1	0.1
engineer	20.7	25.6	15.2	10.8	11.4	23.6	4.7	4.8	3.3	2.4	3.0	8.9
farmer or rancher	0.6	1.9	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0
foreign service worker	0.6	0.5	1.0	1.0	2.5	2.0	1.2	1.3	2.6	2.1	5.3	4.3
homemaker (full-time)	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.1	0.2
interior decorator (incl design)	0.0	0.1	0.0	0.0	0.1	0.0	1.5	1.5	0.4	1.0	0.4	0.1
intepreter (translator)	0.1	0.1	0.1	0.1	0.1	0.0	0.3	0.4	0.5	0.2	0.5	0.3
lab technician or hygienist	0.2	0.2	0.1	0.1	0.1	0.1	0.3	0.5	0.2	0.3	0.1	0.1
law enforcement officer	1.2	0.9	0.5	0.6	0.4	0.1	0.2	0.3	0.1	0.1	0.2	0.0
lawyer (attorney) or judge	6.2	4.3	9.4	13.0	13.4	10.2	6.9	5.6	9.4	9.6	12.4	11.4
military service (career)	1.6	1.3	0.7	1.0	1.2	1.2	0.2	0.2	0.1	0.1	0.2	0.1
musician (performer,composer)	1.6	0.9	1.1	1.2	1.9	1.3	1.0	0.7	0.6	0.9	1.5	1.4
nurse	0.1	0.1	0.1	0.1	0.0	0.0	3.4	3.3	1.5	3.0	1.3	0.2
optometrist	0.4	0.4	0.2	0.2	0.2	0.2	0.4	0.2	0.4	0.3	0.1	0.2
pharmacist	1.8	1.5	0.7	0.2	1.0	0.1	3.1	2.4	1.6	1.0	2.3	0.1
physician	5.3	3.6	10.4	10.6	8.4	11.6	5.5	3.7	10.0	8.9	7.3	13.5
school counselor	0.1	0.1	0.1	0.0	0.1	0.0	0.3	0.6	0.3	0.5	0.3	0.1
school principal/superintendent	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
scientific researcher	2.4	2.4	3.5	1.5	1.8	4.4	1.9	1.9	2.5	1.2	1.5	3.5
social,welfare,recreation worker	0.2	0.2	0.3	0.2	0.2	0.1	1.2	1.7	1.0	1.0	0.9	0.7
statistician	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0
therapist (phys,occup,speech)	1.1	1.1	0.8	1.3	0.4	0.1	3.7	4.1	3.0	4.1	0.9	0.8
teacher (elementary)	0.3	0.4	0.2	0.1	0.1	0.0	5.1	5.8	2.8	4.0	1.7	1.2
teacher (secondary)	2.0	2.1	1.7	0.9	1.2	0.8	2.6	3.9	3.2	3.1	1.8	1.2
veterinarian	1.0	1.3	0.3	0.2	0.1	0.1	1.8	1.8	1.0	0.3	0.5	0.5
writer or journalist	2.1	1.8	2.4	3.3	2.7	3.2	3.8	3.3	4.0	4.1	5.4	6.1
skilled trades	0.5	0.4	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1
other career	6.2	5.3	4.5	6.1	5.5	2.9	8.1	8.4	6.8	7.7	7.3	4.5
undecided	9.2	9.8	13.4	9.5	10.8	13.0	13.9	13.9	18.9	16.1	17.3	20.3
Twin Status												
no	98.4	98.5	98.6	98.6	98.3	98.5	98.4	98.5	98.3	98.4	98.7	98.7
yes - identical	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.5	0.7
yes - fraternal	1.1	0.9	0.9	0.8	1.1	0.9	1.0	0.7	0.9	0.8	0.8	0.7

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

PROBABLE MAJOR FIELD OF STUDY	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Arts and Humanities												
art, fine and applied	1.6	1.3	1.2	1.0	0.9	0.9	2.5	2.7	2.0	2.0	1.8	2.0
English (language & literature)	0.9	0.9	2.3	1.3	1.9	2.6	1.5	1.5	3.7	2.2	2.9	5.3
history	0.8	0.8	1.9	1.4	2.0	2.4	0.5	0.5	1.0	0.7	1.4	2.2
journalism	1.4	1.2	1.3	1.8	1.5	1.4	3.0	2.1	2.2	3.2	4.0	3.3
language or literature	0.3	0.3	0.6	0.2	0.4	0.5	0.8	1.0	1.8	0.8	1.5	2.0
music	1.2	0.8	0.8	1.0	1.6	1.1	0.9	0.7	0.8	0.9	1.7	1.6
philosophy	0.2	0.1	0.7	0.3	0.6	0.8	0.1	0.2	0.4	0.1	0.1	0.5
speech	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.3
theater or drama	0.6	0.5	0.7	0.3	1.0	1.0	0.8	0.7	1.1	0.7	1.4	2.1
theology or religion	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0
other arts and humanities	0.7	0.4	0.8	0.4	0.8	0.7	1.3	0.9	0.9	0.8	1.2	1.2
Biological Sciences												
biology (general)	1.4	1.7	4.1	2.8	3.5	2.9	1.5	1.8	4.6	2.9	3.2	3.8
biochemistry or biophysics	0.4	0.8	1.7	0.7	0.8	1.6	0.4	0.7	1.1	0.6	0.5	1.7
botany	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
marine (life) science	0.8	0.6	0.8	0.4	0.3	0.1	0.8	0.5	0.8	0.3	0.4	0.3
microbiology or bacteriology	0.2	0.2	0.5	0.0	0.2	0.3	0.3	0.3	0.5	0.0	0.2	0.5
zoology	0.3	0.4	1.1	0.1	0.1	0.1	0.4	0.6	0.8	0.1	0.2	0.2
other biological sciences	0.5	1.0	0.6	0.4	0.6	0.4	0.4	0.7	0.8	0.3	0.6	1.2
Business												
accounting	5.0	4.9	3.8	6.0	4.5	1.1	5.3	5.9	3.3	6.1	4.3	1.1
business administration	7.4	5.8	6.7	11.0	10.1	4.2	5.0	4.6	4.1	5.5	5.6	2.6
finance	3.8	3.2	4.0	5.9	6.4	2.3	1.3	1.5	1.4	1.9	2.5	0.8
marketing	3.2	2.9	2.7	4.1	3.6	0.7	4.0	3.1	2.7	3.9	3.9	1.1
management	4.2	4.2	3.9	4.7	4.1	2.5	2.7	3.7	2.5	2.6	2.3	1.5
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
other business	1.7	1.2	1.4	2.7	2.9	0.9	1.5	1.4	1.0	2.0	2.6	0.8
Education												
business education	0.1	0.1	0.1	0.2	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.1
elementary education	0.2	0.4	0.1	0.1	0.0	0.0	4.9	5.4	2.5	3.5	1.4	0.6
music or art education	0.4	0.3	0.1	0.1	0.2	0.0	0.4	0.4	0.2	0.5	0.3	0.1
physical education or recreation	0.5	0.8	0.4	0.4	0.2	0.0	0.3	0.8	0.2	0.2	0.1	0.0
secondary education	1.0	1.1	0.8	0.4	0.4	0.2	1.6	2.4	2.1	2.0	0.7	0.5
special education	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.3	0.6	0.2	0.4
other education	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.5	0.2	0.2	0.1	0.3
Engineering												
aeronautical/astronautical eng.	4.6	3.7	2.2	0.4	2.3	3.8	0.8	0.6	0.5	0.1	0.5	1.2
civil engineering	2.1	3.3	1.8	1.3	1.6	1.9	0.4	0.7	0.4	0.5	0.4	0.9
chemical engineering	2.2	2.2	1.0	0.2	0.9	2.8	0.9	1.0	0.3	0.1	0.4	2.0
electrical engineering	6.5	7.7	4.2	4.6	4.0	9.0	1.0	0.7	0.7	0.6	0.8	1.3
industrial engineering	0.5	0.9	0.3	0.4	0.1	0.6	0.3	0.5	0.1	0.2	0.2	0.4
mechanical engineering	4.9	6.2	3.0	2.9	2.6	5.9	0.6	0.5	0.4	0.5	0.4	1.2
other engineering	3.1	3.9	2.0	2.3	1.7	5.0	1.0	1.1	0.8	0.8	0.7	3.3

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
PROBABLE MAJOR FIELD OF STUDY												
Physical Sciences												
astronomy	0.3	0.2	0.4	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
atmospheric science	0.2	0.3	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
chemistry	0.6	0.8	1.6	1.1	0.9	1.3	0.4	0.5	1.1	0.7	0.7	1.2
earth science	0.2	0.3	0.3	0.1	0.1	0.2	0.0	0.1	0.2	0.0	0.1	0.2
marine science	0.4	0.1	0.3	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.1	0.1
mathematics	0.5	0.9	1.4	0.7	0.9	1.7	0.5	0.8	1.3	0.8	0.9	1.6
physics	0.7	0.7	1.6	0.8	0.9	3.2	0.2	0.1	0.3	0.1	0.4	0.8
statistics	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0
other physical sciences	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0
Professional												
architecture or urban planning	4.0	3.5	1.2	0.2	1.2	2.4	1.7	1.3	0.8	0.1	0.7	2.5
home economics	0.0	0.1	0.0	0.0	0.0	0.0	0.9	1.3	0.1	0.6	0.0	0.0
health technology (med,dent,lab)	0.8	0.5	0.9	0.7	0.6	0.5	1.0	1.1	0.6	0.8	0.5	0.7
library or archival science	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.2	0.2	0.0	0.3	0.0	0.0	3.5	3.6	1.6	3.2	1.4	0.1
pharmacy	1.9	1.6	0.5	0.3	0.9	0.0	3.0	2.3	1.1	0.9	2.1	0.0
predent, premed, prevet	4.7	3.3	5.6	8.6	4.5	6.0	5.9	4.0	6.3	6.8	4.9	8.1
therapy (occup,phys,speech)	1.1	1.0	0.5	1.2	0.4	0.1	3.4	3.7	2.1	3.6	0.6	0.5
other professional	1.3	0.8	0.9	1.5	1.1	0.5	1.6	1.4	1.1	1.2	1.3	0.8
Social Sciences												
anthropology	0.2	0.2	0.3	0.1	0.2	0.1	0.3	0.4	0.4	0.2	0.3	0.3
economics	0.3	0.6	2.2	0.5	1.8	2.8	0.2	0.3	0.9	0.2	0.8	2.1
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2
geography	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.0	2.3	6.0	5.5	10.2	8.5	3.4	3.3	7.0	4.6	11.4	10.6
psychology	1.7	1.3	2.6	2.2	1.6	1.5	6.9	5.9	7.8	6.8	6.2	4.9
social work	0.1	0.1	0.1	0.1	0.1	0.1	0.6	1.1	0.4	0.9	0.3	0.3
sociology	0.3	0.3	0.2	0.3	0.2	0.2	0.6	0.8	0.7	0.4	0.4	0.6
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.1	0.1	0.3	0.1	0.1	0.2	0.3	0.2	0.4	0.2	0.2	0.4
Technical												
building trades	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing	0.7	0.7	0.8	0.5	0.4	0.9	0.2	0.2	0.2	0.2	0.2	0.1
drafting or design	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.2	0.0	0.1
electronics	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
mechanics	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Other Fields												
agriculture	1.7	3.2	0.0	0.0	0.0	0.0	0.8	1.0	0.1	0.0	0.0	0.0
communications	1.9	1.3	1.7	5.0	3.1	0.9	3.3	3.1	3.2	6.2	6.1	2.5
computer science	1.3	2.4	2.1	1.7	0.9	2.0	0.6	0.7	0.7	0.7	0.4	0.4
forestry	0.3	1.2	0.1	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0
law enforcement	1.2	0.8	0.4	0.6	0.6	0.1	0.6	0.5	0.4	0.5	0.4	0.1
military science	0.1	0.2	0.3	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other field	0.8	0.8	1.0	0.4	0.5	0.2	1.3	1.5	1.2	1.1	0.9	0.5
undecided	6.3	5.6	8.1	6.4	6.0	7.3	9.8	8.7	12.2	10.6	9.7	11.9

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Father's Education												
grammar school or less	2.2	2.1	2.6	1.5	2.3	1.4	2.6	2.3	2.4	1.7	2.9	1.5
some high school	4.5	4.1	3.5	2.4	2.7	2.1	4.7	4.5	3.4	2.9	2.7	2.0
high school graduate	18.8	23.6	13.1	11.8	10.6	8.1	19.7	24.3	12.9	12.5	11.1	7.0
postsecondary other than college	4.0	6.3	3.3	4.0	3.0	2.0	4.5	5.9	3.7	3.6	2.9	2.2
some college	15.6	14.4	12.0	14.4	12.1	9.0	16.1	14.5	13.0	15.0	11.7	8.5
college degree	27.2	26.7	26.7	29.3	26.9	24.3	25.5	25.1	27.1	28.8	25.1	21.6
some graduate school	3.3	3.1	4.6	3.7	4.2	5.4	3.1	3.1	4.5	4.1	5.3	5.1
graduate degree	24.4	19.7	34.2	33.0	38.2	47.9	23.7	20.2	33.1	31.4	38.2	52.1
Father's Occupation (5)												
artist (including performer)	0.9	0.7	1.2	0.6	1.0	1.2	1.0	0.7	1.2	0.8	0.9	1.6
businessman	34.5	31.9	34.5	42.9	42.6	35.9	33.2	31.0	33.4	38.4	39.7	34.2
clergy or religious worker	0.7	0.7	0.6	1.5	0.9	0.8	0.5	0.5	0.5	1.1	0.9	0.8
college teacher or administrator	0.8	1.1	2.3	1.1	1.3	3.0	1.0	1.1	2.1	1.4	1.7	3.3
doctor or dentist	3.2	2.2	4.4	6.6	7.9	10.5	3.5	2.2	4.5	5.6	8.2	11.8
education (secondary)	4.4	4.5	5.1	3.3	4.0	4.3	3.9	4.6	4.8	3.6	3.6	3.7
education (elementary)	1.0	1.1	1.4	0.9	0.7	0.8	0.8	0.8	1.0	0.6	0.8	0.7
engineer	10.3	8.8	10.3	7.9	8.0	9.5	9.6	8.5	10.6	10.1	7.9	9.0
farmer or forester	2.5	8.2	0.5	1.5	0.9	0.5	2.4	6.6	0.7	2.1	1.1	0.6
health professional (non-M.D.)	1.7	1.6	1.8	1.8	1.4	1.2	1.7	1.3	1.6	1.0	1.1	1.1
lawyer	2.7	1.5	3.5	4.3	5.3	7.1	2.6	1.6	3.4	4.1	5.2	7.1
military (career)	2.3	1.5	1.4	1.6	1.2	1.2	1.9	1.8	1.6	2.2	1.4	1.3
research scientist	0.8	0.8	1.3	0.5	0.8	2.0	0.5	0.6	1.1	0.6	0.7	1.9
skilled worker	8.7	9.7	7.1	5.5	5.0	4.3	8.2	8.3	5.6	4.9	4.5	3.6
semi-skilled worker	3.3	4.0	2.9	2.2	1.9	1.9	2.7	3.9	2.2	1.9	1.6	1.8
laborer (unskilled)	1.9	2.2	1.7	0.9	1.1	1.0	2.3	2.4	1.7	1.2	1.2	0.8
unemployed	1.6	1.5	1.5	1.2	1.3	1.1	1.9	2.2	1.7	1.3	1.5	1.5
other	18.6	18.3	18.6	15.9	14.7	13.8	22.2	21.9	22.2	19.1	18.0	15.1
Father's Religious Preference												
Baptist	14.0	5.7	7.0	17.4	6.1	4.2	14.7	6.5	9.2	18.1	5.1	5.5
Buddhist	0.4	0.3	2.0	0.4	1.5	1.9	0.4	0.2	1.6	0.5	1.4	1.7
Congregational	1.4	2.5	1.4	0.9	0.9	1.0	1.2	2.4	1.3	1.1	1.4	1.0
Eastern Orthodox	0.8	0.7	0.9	0.4	1.3	0.9	0.7	0.8	1.2	0.4	1.2	0.9
Episcopal	2.8	2.2	4.0	3.0	3.6	4.5	3.1	2.4	4.3	3.0	4.1	5.5
Islamic	0.5	0.3	0.7	0.3	0.8	0.9	0.3	0.3	0.6	0.3	0.7	1.0
Jewish	5.2	3.6	10.3	3.0	10.7	13.1	5.5	3.9	9.0	2.3	9.5	14.6
LDS (Mormon)	0.7	0.2	0.3	0.3	0.5	0.5	0.6	0.1	0.2	0.1	0.2	0.3
Lutheran	6.8	15.2	3.8	6.6	3.7	3.7	6.1	13.4	4.0	6.5	4.6	3.3
Methodist	10.6	8.9	7.4	7.3	7.1	5.8	12.0	10.1	7.8	8.2	8.1	6.1
Presbyterian	6.0	5.4	6.2	4.5	5.8	6.1	6.6	5.4	6.2	5.4	6.8	7.0
Quaker	0.2	0.2	0.2	0.1	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.3
Roman Catholic	31.1	37.5	33.3	41.4	40.4	35.7	30.0	38.0	32.8	39.9	38.9	32.0
Seventh Day Adventist	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.3	0.1	0.3	0.1
other Protestant	4.4	5.0	4.3	4.1	4.1	4.4	4.3	4.0	4.3	4.7	3.6	3.6
other religion	4.0	2.7	3.6	3.2	2.8	3.8	3.9	2.9	3.9	2.5	3.6	4.4
none	11.0	9.4	14.3	6.9	10.1	13.3	10.3	9.3	13.0	6.8	10.3	12.7

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Mother's Education												
grammar school or less	2.0	1.4	2.7	1.1	2.2	1.4	2.3	1.4	2.5	1.7	2.8	1.3
some high school	3.6	2.6	3.4	2.5	2.4	1.8	4.1	3.2	3.0	2.0	2.3	1.9
high school graduate	27.5	32.0	20.1	19.9	17.3	13.4	28.2	30.7	18.9	18.9	16.6	10.3
postsecondary other than college	7.0	9.3	6.2	6.3	5.9	5.8	7.8	10.4	6.7	6.5	7.0	5.0
some college	19.4	17.1	16.3	20.6	18.1	14.5	20.1	17.8	16.8	21.3	17.5	14.2
college degree	24.6	24.5	28.3	29.4	29.8	32.3	21.1	23.2	29.0	29.2	29.5	33.2
some graduate school	3.6	3.3	5.3	4.8	5.8	7.2	3.5	3.3	5.3	5.1	6.1	8.2
graduate degree	12.3	9.8	17.6	15.5	18.5	23.5	13.0	10.1	17.9	15.4	18.1	26.1
Mother's Career (5)												
artist (including performer)	1.6	1.5	2.4	2.1	2.8	3.3	2.2	1.6	2.2	2.2	2.7	3.8
businesswoman	15.3	14.1	15.2	15.2	17.4	14.8	16.2	13.9	15.8	14.8	16.6	15.7
business (clerical)	10.3	11.0	9.1	8.7	7.7	7.9	10.5	11.9	8.8	8.9	7.9	6.0
clergy or religious worker	0.1	0.2	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.4	0.2	0.2
college teacher or administrator	0.4	0.5	1.0	0.9	0.9	1.3	0.4	0.4	0.8	0.6	0.9	1.5
doctor or dentist	0.6	0.3	0.9	0.4	1.1	1.7	0.3	0.3	0.8	0.5	0.9	2.0
education (secondary)	5.1	4.5	6.7	6.2	5.9	6.7	4.4	4.0	6.6	6.1	5.8	6.5
education (elementary)	8.9	7.9	9.5	9.2	8.3	8.7	7.8	7.6	9.6	10.0	8.6	8.3
engineer	0.3	0.2	0.4	0.1	0.2	0.3	0.3	0.2	0.4	0.1	0.3	0.3
farmer or forester	0.3	1.0	0.2	0.2	0.1	0.2	0.2	0.6	0.1	0.2	0.1	0.1
health professional (non-M.D.)	2.2	2.1	2.5	2.0	2.3	2.5	2.2	2.0	2.5	2.8	2.6	2.5
homemaker (full-time)	14.6	17.7	14.6	19.1	18.2	19.5	15.6	16.6	14.6	20.2	18.9	20.3
lawyer	0.4	0.2	0.7	0.6	0.7	1.0	0.4	0.2	0.6	0.3	0.7	1.5
nurse	7.7	8.3	6.8	7.5	7.0	6.4	7.4	9.0	7.4	8.0	7.4	5.6
research scientist	0.2	0.1	0.3	0.2	0.4	0.7	0.2	0.2	0.3	0.1	0.3	0.6
social,welfare,recreation worker	1.5	1.6	1.7	1.2	1.6	2.0	1.3	1.5	1.8	1.1	1.7	1.7
skilled worker	2.3	2.4	2.1	1.7	1.6	1.2	1.7	1.6	1.4	1.0	1.2	1.5
semi-skilled worker	2.6	2.9	2.7	2.3	1.5	1.7	2.1	2.5	2.1	1.4	1.4	1.0
laborer (unskilled)	1.5	1.7	1.2	0.8	0.8	0.6	1.3	1.5	1.2	0.8	0.7	0.7
unemployed	6.2	5.0	5.3	6.3	6.6	4.6	5.3	4.0	4.0	4.3	4.6	4.2
other	17.7	16.8	16.6	15.0	14.7	14.5	20.1	20.3	19.1	16.2	16.4	16.1
Mother's Religious Preference												
Baptist	14.0	6.2	7.4	17.5	6.3	4.5	15.4	6.7	9.5	18.5	5.7	5.7
Buddhist	0.5	0.4	2.1	0.4	1.7	1.8	0.4	0.4	1.7	0.6	1.4	1.9
Congregational	1.4	2.7	1.7	1.0	1.0	1.2	1.3	2.7	1.6	1.1	1.5	1.3
Eastern Orthodox	0.8	0.7	0.9	0.4	1.1	0.7	0.6	0.7	1.0	0.3	1.1	0.9
Episcopal	3.2	2.4	4.6	3.0	4.2	4.9	3.8	2.9	4.9	3.3	4.7	6.1
Islamic	0.4	0.3	0.7	0.2	0.7	0.8	0.3	0.2	0.5	0.1	0.6	0.7
Jewish	4.9	3.4	10.1	2.8	10.2	12.4	5.4	3.7	8.6	1.8	8.8	14.0
LDS (Mormon)	0.9	0.2	0.4	0.2	0.4	0.5	0.7	0.2	0.2	0.2	0.3	0.2
Lutheran	6.9	14.9	3.9	6.9	3.9	3.9	6.0	12.8	4.2	6.1	4.9	3.4
Methodist	10.9	9.2	7.7	7.4	6.9	6.6	12.6	10.5	8.3	8.7	8.5	7.1
Presbyterian	6.6	5.8	6.8	5.2	6.2	6.6	7.0	6.0	6.7	5.5	7.5	7.9
Quaker	0.3	0.3	0.2	0.1	0.3	0.3	0.1	0.2	0.3	0.3	0.2	0.2
Roman Catholic	32.4	38.9	35.1	42.7	42.5	37.3	30.8	39.8	34.3	42.3	40.2	33.6
Seventh Day Adventist	0.2	0.1	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.1	0.3	0.2
other Protestant	4.8	5.3	4.3	4.8	4.4	4.7	4.6	4.0	4.5	4.7	4.1	3.9
other religion	4.2	3.2	4.1	3.3	2.9	4.1	4.4	3.5	4.4	3.0	3.8	4.7
none	7.7	6.0	9.9	4.1	7.1	9.3	6.4	5.6	8.9	3.3	6.5	8.2

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Reasons Noted as Very Important in Deciding to Go to College												
parents wanted me to go	30.1	27.1	27.9	29.0	30.6	24.3	36.2	32.1	32.6	34.8	34.0	31.3
could not find a job	5.8	4.8	3.6	4.4	3.5	2.5	7.3	5.5	4.3	4.9	4.6	2.8
wanted to get away from home	17.1	15.6	18.7	17.2	17.9	17.0	18.1	18.2	19.1	17.9	18.2	18.9
get a better job	75.1	77.3	70.0	71.7	67.3	63.9	75.6	78.2	71.3	70.3	67.0	62.0
gain general education	57.3	52.5	61.9	59.5	64.0	68.4	72.0	68.7	76.9	73.6	78.5	83.9
improve reading and study skills	34.9	30.1	34.1	35.0	37.5	32.6	46.1	40.7	43.5	42.3	44.5	42.1
nothing better to do	3.0	2.4	4.1	2.2	3.4	3.8	2.0	1.4	2.2	1.4	2.1	2.4
become a more cultured person	31.2	27.7	35.9	36.2	41.4	43.1	45.1	42.0	51.9	50.7	56.6	61.7
make more money	77.6	76.3	69.8	72.5	70.1	60.3	71.5	69.8	62.9	63.6	62.4	50.2
learn more about things	70.4	67.6	72.2	71.0	72.5	78.7	79.9	78.5	82.7	81.3	83.7	88.4
prepare for graduate school	51.9	43.1	59.6	60.5	61.7	62.5	61.9	53.6	64.7	60.5	65.5	67.3
Reasons Noted as Very Important in Selecting This College												
relatives wanted me to come	6.8	4.9	7.3	6.5	6.4	7.1	8.8	6.7	7.9	8.4	7.2	8.8
advice of teacher	2.3	2.4	3.1	2.6	3.9	3.6	2.2	2.3	2.8	2.0	3.2	3.8
good academic reputation	48.0	56.2	70.5	69.9	69.4	86.4	57.1	61.8	76.5	76.7	73.5	86.9
good social reputation	32.3	26.8	35.1	27.1	30.1	23.2	34.2	28.7	30.8	28.1	28.0	23.2
offered financial assistance	16.1	14.1	12.2	26.7	31.5	28.5	19.3	16.9	13.4	30.4	33.3	29.3
offers special programs	14.8	13.7	13.9	15.0	17.6	17.0	22.4	20.1	20.9	24.6	25.1	24.9
low tuition	20.2	20.3	33.4	4.4	2.9	1.2	21.7	23.5	32.6	4.9	3.6	1.4
advice of guidance counselor	4.3	4.9	5.8	4.3	6.1	5.6	4.7	4.9	5.3	3.2	5.3	4.4
wanted to live near home	13.8	10.2	9.5	7.5	7.6	4.1	17.3	14.5	12.3	11.1	10.5	5.2
friend suggested attending	6.7	6.2	5.7	7.2	6.3	4.3	7.6	7.6	5.2	6.0	5.8	3.5
recruited by college rep	2.5	2.0	2.4	3.2	4.7	3.0	2.1	1.4	1.2	3.0	2.9	1.6
recruited by athletic department	3.2	4.1	4.7	4.6	6.8	7.0	1.5	2.2	2.0	1.8	2.5	2.8
graduates go to top grad schools	19.5	19.0	34.5	34.5	38.0	49.9	26.4	25.2	39.8	38.2	40.0	51.6
graduates get good jobs	39.1	44.4	47.3	54.6	55.2	61.1	44.2	47.8	51.1	58.4	55.7	58.8
not offered aid by first choice	5.7	4.4	6.9	3.7	5.0	3.1	5.7	5.0	7.8	4.4	4.9	3.0
religious affiliation of college	1.0	0.6	1.2	13.1	3.4	4.3	1.1	0.7	1.3	19.8	4.9	5.7
size of college	17.9	18.8	17.5	43.6	32.9	26.1	21.4	25.5	22.6	53.3	43.7	38.0
Residence Preferred During Fall Term												
with parents or relatives	9.9	5.6	6.4	5.6	5.7	3.5	8.6	5.1	6.6	4.7	5.5	3.0
other private home,apt,room	42.8	34.5	23.6	28.6	22.8	16.0	38.3	32.6	22.9	22.5	18.2	11.2
college dormitory	29.3	42.5	55.3	47.7	51.5	67.1	33.9	45.4	58.3	59.2	60.2	74.5
fraternity or sorority house	10.8	11.0	6.5	11.3	10.6	6.1	11.4	10.4	4.8	9.3	9.5	4.1
other campus housing	5.1	4.6	6.1	5.2	7.6	6.0	6.4	5.2	6.2	3.4	5.4	6.8
other	2.1	1.7	2.0	1.6	1.7	1.3	1.6	1.2	1.1	0.9	1.2	0.4
Residence Planned During Fall Term												
with parents or relatives	23.6	6.4	8.4	6.9	10.2	1.5	21.7	5.4	6.7	5.8	9.6	1.2
other private home,apt,room	7.6	4.0	3.1	1.4	2.0	0.8	5.1	3.1	2.7	0.8	1.3	0.6
college dormitory	66.1	85.2	84.6	89.9	80.3	93.4	71.1	89.3	87.0	92.3	85.8	95.2
fraternity or sorority house	0.6	2.6	0.5	0.7	1.6	0.4	0.3	0.2	0.2	0.3	0.3	0.1
other campus housing	1.8	1.5	3.0	1.1	5.7	3.7	1.5	1.7	3.1	0.8	3.0	2.8
other	0.3	0.3	0.3	0.1	0.2	0.2	0.2	0.3	0.4	0.1	0.1	0.0

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
SOURCES FOR EDUCATIONAL EXPENSES												
Received Any Aid From												
parents or family	85.5	83.4	88.1	89.9	90.0	91.8	87.1	84.7	88.5	90.7	90.9	92.3
spouse	0.5	0.5	0.5	0.6	0.6	0.4	0.5	0.5	0.4	0.2	0.3	0.2
savings from summer work	62.0	70.1	60.4	61.2	58.3	63.5	60.8	70.2	62.0	58.3	56.9	61.0
other savings	32.5	38.1	30.3	35.1	31.0	36.5	31.7	38.5	30.7	34.8	30.8	36.6
part-time job on campus	17.6	22.8	18.7	28.1	26.5	31.1	20.8	26.3	22.1	32.3	27.8	33.2
other part-time job while at col	24.9	20.4	13.8	15.9	13.4	7.2	26.1	20.7	15.1	15.9	14.5	8.7
full-time job while at college	2.0	1.1	0.8	0.8	0.9	0.3	1.7	1.0	0.6	0.8	0.7	0.3
Pell Grant	12.7	18.5	12.8	16.1	15.3	14.1	14.0	19.1	12.9	18.3	15.0	14.0
Supp Educational Oppty Grant	3.5	6.4	4.4	9.9	7.0	8.7	3.5	7.6	4.4	9.4	7.7	8.8
state scholarship or grant	11.3	13.1	19.9	13.5	14.7	15.1	11.7	15.7	18.9	14.1	16.5	13.1
College Work-Study Grant	5.4	8.7	6.9	17.4	15.8	18.5	6.9	12.2	8.3	20.8	17.7	22.3
other college grant	16.4	17.4	16.3	36.4	35.6	37.7	18.1	18.2	16.4	39.2	37.5	37.5
other private grant	7.7	9.6	12.7	13.1	12.0	20.5	8.3	9.8	14.3	14.8	13.7	20.5
other govt aid (ROTC,BIA,GI,etc)	3.0	3.8	1.8	2.5	2.7	5.1	1.1	1.5	0.8	1.8	0.9	1.6
Federal Guaranteed Student Loan	13.5	25.4	11.7	24.2	22.7	29.7	13.7	25.7	11.5	27.7	24.4	29.2
National Direct Student Loan	1.7	3.0	1.5	3.6	3.3	4.0	1.8	3.6	1.3	3.5	3.0	4.1
other college loan	6.4	9.0	6.1	10.2	12.5	16.2	5.8	8.9	6.1	11.4	12.4	15.2
other loan	4.8	7.3	4.2	5.6	6.6	8.1	5.3	8.2	4.5	7.0	8.1	7.5
other	2.3	2.8	2.2	2.6	3.0	3.0	2.7	3.4	3.5	3.7	3.6	3.2
Received $1,500 or More From												
parents or family	65.7	60.8	72.4	76.6	79.7	83.3	67.0	63.2	73.0	76.9	79.6	83.1
spouse	0.1	0.2	0.2	0.1	0.3	0.2	0.2	0.2	0.1	0.0	0.1	0.1
savings from summer work	11.6	15.1	11.1	11.3	12.8	13.9	6.7	9.3	7.5	7.2	7.9	9.7
other savings	7.5	9.5	6.4	8.9	8.9	11.8	5.9	7.6	6.4	9.4	7.9	10.8
part-time job on campus	1.1	0.9	1.4	3.1	3.7	5.8	1.2	1.1	1.4	3.5	3.5	6.3
other part-time job while at col	1.8	1.2	0.8	1.4	1.6	0.9	1.5	0.7	0.8	1.3	1.5	0.6
full-time job while at college	0.7	0.3	0.2	0.3	0.3	0.2	0.4	0.2	0.2	0.1	0.3	0.1
Pell Grant	4.7	5.3	4.4	6.8	6.9	5.9	5.2	5.3	3.8	6.9	6.0	6.0
Supp Educational Oppty Grant	0.8	0.8	0.7	3.0	2.6	3.4	0.7	0.7	0.7	2.8	2.8	3.8
state scholarship or grant	2.4	3.0	3.2	5.8	6.2	6.6	2.5	3.9	2.6	5.1	6.3	5.6
College Work-Study Grant	1.1	0.6	1.5	4.2	4.3	4.5	1.4	0.9	1.5	4.2	4.0	6.3
other college grant	6.6	5.9	5.6	19.9	30.0	33.3	6.8	5.4	5.2	20.1	30.0	32.5
other private grant	2.0	2.0	3.3	4.5	4.5	10.1	2.0	1.6	3.3	4.1	4.8	9.3
other govt aid (ROTC,BIA,GI,etc)	2.0	2.4	1.2	2.1	2.3	4.8	0.7	0.8	0.4	1.5	0.5	1.5
Federal Guaranteed Student Loan	7.8	13.4	5.4	17.1	16.4	22.7	8.4	13.7	5.4	18.5	17.1	21.3
National Direct Student Loan	0.9	0.8	0.5	1.9	2.0	1.8	0.6	0.8	0.4	2.0	1.6	2.2
other college loan	3.4	3.9	2.7	6.3	8.1	10.6	2.9	3.7	2.4	6.8	7.4	10.1
other loan	2.6	3.8	2.2	3.6	4.5	5.9	3.0	4.4	2.6	4.5	5.6	5.4
other	0.9	1.1	1.0	1.3	2.0	2.0	1.0	1.3	1.3	1.7	2.2	2.1
Concern about Financing College												
no concern	41.2	32.3	44.9	39.6	41.6	37.4	34.5	26.8	37.4	35.0	35.9	34.1
some concern	47.7	55.5	46.5	49.9	47.2	50.5	50.2	56.8	51.4	50.8	49.1	51.8
major concern	11.2	12.2	8.6	10.6	11.2	12.1	15.3	16.4	11.3	14.1	15.0	14.1

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WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Students Estimate Chances Are Very Good That They Will												
change major field	14.0	14.0	18.3	13.5	13.8	16.8	18.3	18.1	23.8	17.9	18.6	22.6
change career choice	11.7	12.7	16.4	12.3	12.7	17.2	17.8	18.0	23.6	17.5	19.0	24.5
fail one or more courses	1.6	1.3	1.5	0.8	1.4	1.2	1.1	0.9	1.0	0.7	0.8	0.9
graduate with honors	15.4	13.3	17.8	17.5	20.4	23.2	13.2	11.2	14.0	14.3	16.2	19.1
be elected to student office	3.1	2.4	3.8	4.9	6.0	3.9	3.1	2.4	3.5	4.6	5.1	4.2
get job to pay expenses	31.7	34.9	29.2	32.3	29.1	36.4	37.6	42.4	37.4	39.8	35.8	44.0
work full-time while attending	3.0	1.4	1.4	1.5	2.1	0.8	2.9	1.6	1.3	1.6	1.5	1.0
join social frat or sorority	20.3	16.2	19.0	26.2	25.4	22.9	30.7	21.6	25.6	35.6	33.3	32.2
play varsity athletics	12.3	13.8	14.8	16.5	18.5	20.2	7.9	8.8	9.3	8.2	10.2	12.4
be elected to an honor society	8.4	7.0	11.0	10.9	11.8	15.7	9.0	6.8	9.9	12.1	10.9	13.9
make at least "B" average	46.4	44.1	54.9	57.4	56.6	60.8	45.6	41.9	49.0	54.9	52.3	56.3
need extra time for degree	9.6	7.3	7.7	6.6	5.3	3.5	10.2	7.7	7.2	7.5	5.0	3.2
get tutoring in some courses	8.4	8.4	9.2	7.6	7.6	8.6	14.0	12.7	13.4	10.1	10.2	11.0
work at outside job	17.8	13.9	11.2	12.7	11.0	8.6	22.4	19.7	16.5	18.1	14.7	13.3
seek vocational counseling	3.4	3.4	5.6	4.6	4.2	7.2	5.4	5.6	9.6	5.8	6.4	11.2
seek individual counseling	2.5	1.7	3.1	2.6	2.7	2.7	3.5	2.9	4.4	2.9	3.4	3.4
get bachelor's degree	76.3	76.3	81.4	80.6	78.9	88.4	78.6	79.5	86.0	83.0	83.3	89.8
participate in student protests	5.7	4.7	8.5	5.7	8.1	9.6	8.0	7.3	12.6	6.3	13.0	17.0
drop out temporarily	1.1	0.8	1.1	0.9	1.2	0.9	0.7	0.5	0.7	0.3	0.6	0.6
drop out permanently	0.8	0.4	0.7	0.6	0.8	0.4	0.4	0.4	0.5	0.3	0.4	0.3
transfer to another college	6.0	5.3	5.4	3.5	3.8	2.7	6.6	7.1	5.4	3.8	3.3	2.1
be satisfied with college	47.6	48.0	54.1	57.9	57.0	69.3	57.6	57.1	63.0	68.4	64.4	76.7
find job in own field	70.8	69.8	64.4	73.0	67.9	68.9	77.0	74.2	68.5	78.5	71.5	70.0
marry while in college	3.9	3.0	1.9	2.8	2.3	1.6	6.2	4.7	3.1	3.5	2.7	1.9
buy computer in next 12 months	17.4	16.9	19.8	16.1	22.9	29.9	13.8	11.9	16.9	13.1	22.4	29.0
Objectives Considered to Be Essential or Very Important												
achieve in a in performing art	10.4	8.4	11.7	10.0	12.0	13.2	12.2	10.2	13.3	11.9	14.3	18.9
become authority in my field	71.7	67.0	68.2	71.4	71.1	69.1	71.1	66.6	66.3	67.8	69.0	70.5
obtain recog from colleagues	60.6	56.1	56.8	58.7	62.3	56.9	60.4	57.5	55.5	55.6	59.4	57.1
influence political structure	24.3	19.3	25.3	27.0	31.9	25.8	20.1	17.2	21.3	21.3	26.2	24.4
influence social values	35.0	30.6	37.4	43.1	41.2	35.8	47.7	45.3	45.6	51.6	48.4	47.7
raise a family	67.7	68.7	71.0	75.5	73.5	72.5	68.2	68.7	71.1	73.7	70.6	70.9
have admin responsibility	47.1	42.7	41.4	49.4	49.3	37.6	45.9	42.6	36.4	41.2	42.3	33.1
be very well off financially	82.0	79.6	75.8	78.2	78.5	69.5	75.8	71.4	67.2	66.8	69.6	59.7
help others in difficulty	47.5	44.6	51.3	55.5	52.7	52.3	67.5	67.1	68.1	69.4	66.3	69.1
theoretical contrib to science	25.4	23.2	24.7	19.0	20.2	28.6	18.3	15.3	17.6	13.5	13.9	19.5
write original works	13.2	10.8	16.3	13.7	16.6	18.1	13.3	12.2	15.3	12.2	14.8	19.3
create artistic work	13.2	11.0	13.1	10.3	12.4	12.1	14.2	13.4	13.4	11.3	12.9	15.1
be successful in own business	51.4	45.4	44.2	51.1	51.2	38.5	44.2	39.1	35.8	37.6	39.4	30.5
be involved in environ clean-up	27.7	28.5	30.6	25.2	29.9	30.9	25.3	24.8	30.5	23.3	29.1	34.6
develop philosophy of life	41.8	39.2	47.8	47.1	47.9	54.4	45.4	41.8	48.5	48.3	48.3	59.0
participate in community action	19.8	16.9	21.3	21.9	23.6	22.7	27.5	25.5	30.8	32.1	33.5	38.5
promote racial understanding	31.3	28.5	39.7	35.6	39.5	41.0	38.2	37.1	46.7	38.8	45.1	53.4
keep up to date with politics	49.3	43.9	54.1	54.2	60.3	58.5	43.7	39.4	51.3	48.1	56.0	61.4

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1989

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Political Views												
far left	2.0	1.8	2.5	1.4	1.9	2.2	1.2	1.2	1.4	0.5	1.2	1.6
liberal	20.3	22.1	25.9	18.6	22.0	26.6	26.2	26.8	33.3	21.1	29.9	35.1
middle of the road	45.0	49.1	41.8	40.5	40.0	37.5	53.6	57.2	48.6	51.5	48.6	42.3
conservative	30.4	25.6	27.7	36.8	33.1	31.6	18.2	14.4	16.1	26.2	19.4	20.5
far right	2.4	1.4	2.1	2.7	3.0	2.2	0.8	0.4	0.5	0.7	0.8	0.5
Agrees Strongly or Somewhat												
govt not protecting consumer	61.4	61.7	61.2	57.7	58.6	55.3	68.9	69.2	70.3	65.5	70.7	66.1
govt not promoting disarmament	55.6	58.5	63.8	55.9	59.4	60.8	74.9	78.9	81.5	74.5	78.8	80.6
govt not controlling pollution	84.7	86.3	89.0	84.7	87.4	89.5	88.3	90.2	92.6	88.2	91.9	93.8
raise taxes to reduce deficit	34.1	36.6	42.4	35.5	38.4	43.2	28.3	27.8	34.0	29.9	33.0	38.3
too much concern for criminals	72.3	71.8	68.3	71.2	69.0	64.6	66.3	64.7	62.3	65.8	63.2	58.7
increase fed military spending	29.9	23.0	21.6	27.3	26.0	18.3	17.1	12.3	10.6	15.4	12.5	9.4
abortion should be legalized	68.2	67.3	72.8	53.6	68.3	69.5	72.8	71.6	78.9	56.2	73.5	76.5
abolish death penalty	15.7	17.0	23.7	17.4	21.6	24.8	22.0	23.9	29.3	24.4	28.3	32.7
sex OK if people like each other	67.7	66.6	69.5	49.9	65.9	60.8	39.2	38.2	40.3	25.2	36.8	35.9
married women best in home	28.9	25.7	25.4	27.9	28.0	20.7	17.7	16.3	14.3	17.9	14.6	9.6
live together before marriage	57.5	58.4	61.7	45.6	57.1	56.1	45.8	50.1	48.5	31.5	44.4	44.6
marijuana should be legalized	22.4	18.1	24.4	14.8	21.8	20.3	16.2	14.3	17.9	10.0	15.3	16.3
busing OK to achieve balance	53.1	54.1	55.8	51.3	52.3	52.9	55.2	57.2	56.5	51.5	53.0	56.7
prohibit homosexual relations	55.9	52.3	39.3	53.3	42.8	31.2	32.5	27.6	19.7	33.3	21.6	15.0
no endow investment in S Africa	51.9	56.0	65.1	55.1	61.1	67.4	44.1	46.5	61.7	49.4	57.9	71.0
college increases earning power	75.8	74.4	65.4	69.8	65.3	52.9	65.7	63.1	54.3	57.5	53.2	38.8
employers can require drug tests	75.4	75.2	70.1	79.2	73.9	74.1	76.9	78.1	71.3	81.5	76.1	73.1
control AIDS by mandatory tests	64.5	63.1	54.8	59.4	57.4	47.8	65.1	64.3	56.6	62.2	57.8	47.7
man not entitled to sex on date	79.0	83.0	83.0	86.2	82.7	86.0	94.2	95.9	95.1	96.0	95.4	97.0
only volunteers in Armed Service	50.4	53.5	54.5	47.1	51.8	54.9	49.4	52.0	53.6	47.4	50.2	52.7
fed govt control handguns more	66.2	67.2	77.8	72.2	75.7	78.3	87.7	89.4	91.8	89.9	91.4	92.2
national health care plan needed	66.7	70.4	71.2	61.6	67.8	64.5	75.9	78.5	78.6	70.9	75.4	72.3
Permission to Use Student I.D.												
yes	79.0	83.1	73.9	76.9	73.9	79.1	81.0	84.9	75.3	79.3	74.1	79.0
no	21.0	16.9	26.1	23.1	26.1	20.9	19.0	15.1	24.7	20.7	25.9	21.0

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1989 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Year Graduated from High School														
1989	94.1	97.4	98.0	95.2	97.6	97.9	98.0	95.4	98.3	98.6	95.4	97.6	99.0	96.8
1988	3.0	1.5	1.4	2.7	1.7	1.6	1.7	2.4	1.0	1.1	2.5	1.3	0.7	1.9
1987	0.7	0.3	0.2	0.6	0.3	0.2	0.1	0.5	0.1	0.2	0.7	0.4	0.0	0.4
1986 or earlier	1.5	0.5	0.3	1.2	0.2	0.2	0.1	1.3	0.4	0.1	0.8	0.5	0.1	0.7
H.S. equivalency (G.E.D. test)	0.7	0.2	0.0	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.5	0.1	0.1	0.2
never completed high school	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1
Age on December 31, 1989														
16 or younger	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1
17	1.7	2.0	2.1	2.4	2.3	2.4	4.0	2.4	1.6	2.2	1.8	2.1	2.5	2.4
18	71.8	77.7	76.9	71.7	77.5	74.9	76.3	70.2	71.2	73.1	70.6	76.0	78.7	73.2
19	22.1	18.6	19.7	22.4	18.8	21.2	18.6	23.8	25.7	23.7	23.6	20.2	18.1	22.0
20	2.2	0.8	0.8	1.7	1.0	1.0	0.8	1.8	0.9	0.8	2.5	1.0	0.4	1.3
21-24	1.1	0.6	0.4	1.3	0.4	0.3	0.2	0.8	0.4	0.2	1.1	0.5	0.1	0.6
25-29	0.6	0.1	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.1	0.0	0.1
30-39	0.5	0.1	0.0	0.1	0.0	0.1	0.0	0.3	0.1	0.0	0.1	0.0	0.0	0.1
40-54	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1,2)														
White/Caucasian	73.9	90.1	87.3	75.8	90.7	90.0	84.7	72.8	94.4	92.1	86.2	88.5	90.9	83.3
Black/Negro/Afro-American	23.4	6.7	5.4	19.2	3.8	3.6	4.0	24.6	2.6	3.1	3.6	4.0	2.7	11.1
American Indian	1.1	0.9	0.9	1.5	0.7	0.6	0.8	1.2	0.7	0.9	0.9	0.8	0.5	1.0
Asian-American/Oriental	0.8	1.6	4.5	1.9	2.9	3.6	7.9	1.4	1.7	2.5	2.5	2.8	3.0	2.7
Mexican-American/Chicano	1.0	0.4	1.1	0.7	0.6	0.8	1.1	0.8	0.7	1.1	5.5	2.3	0.8	1.1
Puerto Rican-American	0.4	0.8	0.8	0.8	1.4	0.7	0.7	0.2	0.2	0.4	0.7	1.0	1.1	0.7
other	1.0	1.1	2.0	2.3	1.7	2.6	3.5	1.0	1.1	1.5	2.4	2.6	2.5	2.0
Average High School Grade														
A or A+	6.9	8.0	27.5	9.2	10.5	13.2	25.5	10.7	15.9	22.2	6.7	8.9	13.4	12.8
A-	9.4	14.1	24.8	11.0	14.2	17.9	29.3	11.1	18.0	22.9	9.5	14.0	20.6	15.5
B+	17.1	23.0	22.0	16.8	20.8	23.6	24.6	17.3	20.3	23.7	16.0	21.7	28.5	20.3
B	27.3	30.1	15.8	25.0	28.2	25.9	14.9	24.4	24.6	20.3	27.8	29.5	25.1	24.5
B-	15.8	14.2	5.8	15.6	15.3	12.0	4.4	14.2	11.7	7.7	16.7	14.8	8.7	12.8
C+	14.9	7.5	3.3	13.8	8.0	5.3	0.9	13.7	6.4	2.6	15.4	7.9	3.0	9.1
C	8.2	3.0	0.8	8.2	2.8	1.9	0.2	8.3	2.8	0.7	7.8	3.2	0.7	4.8
D	0.4	0.1	0.0	0.4	0.1	0.1	0.1	0.3	0.1	0.0	0.2	0.1	0.0	0.2
Miles from College to Home														
5 or less	8.4	3.8	2.6	5.1	3.2	3.7	1.5	5.0	4.5	2.6	7.4	6.6	5.4	4.5
6-10	9.2	6.5	3.2	4.8	4.4	3.6	1.4	4.8	4.2	2.7	8.2	8.5	7.4	4.8
11-50	25.0	34.4	21.3	16.9	20.5	16.5	7.7	18.6	18.3	12.0	19.8	27.0	27.1	18.0
51-100	17.0	20.3	19.2	11.3	20.4	14.6	12.3	18.1	17.3	16.1	13.5	18.8	20.1	15.9
101-500	33.0	32.9	30.3	31.0	35.4	37.6	42.2	35.8	39.5	43.3	35.2	25.7	32.9	35.5
more than 500	7.4	2.1	23.4	30.9	16.1	24.0	34.9	17.8	16.2	23.3	15.9	13.4	7.0	21.3

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Estimated Parental Income														
less than $6,000	3.7	2.4	1.0	3.6	1.9	1.7	1.4	4.2	1.7	1.3	3.1	2.2	1.5	2.7
$6,000 - $9,999	3.7	2.1	1.2	2.9	1.7	1.4	1.2	4.0	1.4	1.3	3.1	2.0	1.3	2.4
$10,000 - $14,999	6.3	3.4	2.6	5.2	3.8	2.7	2.1	6.5	3.4	2.4	4.9	4.4	2.3	4.3
$15,000 - $19,999	6.1	4.2	3.1	6.6	4.1	3.4	2.5	6.4	4.3	3.2	4.4	4.7	3.1	4.8
$20,000 - $24,999	8.0	5.9	4.8	7.1	5.2	4.3	3.2	8.5	6.3	5.1	7.1	6.0	4.4	6.3
$25,000 - $29,999	8.0	6.3	5.0	7.7	5.7	4.7	3.6	8.0	6.5	4.9	5.7	6.2	4.8	6.3
$30,000 - $34,999	9.2	9.4	7.9	9.1	7.9	6.8	5.1	9.7	8.5	7.0	9.2	9.1	6.4	8.2
$35,000 - $39,999	9.6	10.5	8.8	8.3	8.0	6.8	5.2	9.1	8.9	6.8	9.5	8.9	7.6	8.1
$40,000 - $49,999	12.5	16.0	14.3	11.7	11.9	11.1	9.1	11.8	12.3	11.3	12.1	11.5	12.7	11.6
$50,000 - $59,999	11.8	14.6	15.8	11.0	11.2	11.2	9.7	10.0	11.2	11.7	10.8	11.0	12.4	10.8
$60,000 - $74,999	10.0	12.3	16.4	10.4	13.1	12.3	12.3	9.3	11.5	12.8	11.3	11.6	15.1	11.4
$75,000 - $99,999	6.1	7.6	10.4	7.2	10.0	10.8	13.0	5.6	8.9	10.7	7.2	7.9	11.4	8.6
$100,000 - $149,999	3.2	3.4	5.4	4.4	6.4	9.2	13.5	3.4	6.6	9.7	5.1	7.1	8.2	6.5
$150,000 or more	1.9	2.0	3.2	4.8	9.2	13.6	17.7	3.4	8.5	12.0	6.4	7.4	8.8	8.0
Status of Parents														
living with each other	65.9	75.4	76.5	68.1	74.0	75.2	77.2	69.0	78.4	77.4	75.9	75.2	82.9	73.4
divorced or separated	28.2	20.4	20.2	26.6	21.2	20.6	19.0	25.1	17.7	18.7	19.4	19.8	13.1	21.7
one or both deceased	5.8	4.2	3.3	5.4	4.8	4.3	3.8	5.9	3.9	3.9	4.7	5.1	4.0	4.8
Students Strongly Agreed with Characterization of Parents As														
interested in intell pursuits	23.4	23.2	31.5	27.4	29.3	37.4	50.0	27.4	32.0	39.1	24.9	30.4	33.9	32.0
interested in cultural pursuits	9.8	9.0	13.9	13.1	14.3	22.2	33.4	12.7	15.8	22.7	12.5	14.2	16.5	16.8
deeply religious	17.6	13.5	16.0	22.6	13.2	15.4	10.9	29.1	21.8	17.0	15.9	18.2	19.9	20.4
interested in politics	7.7	7.5	10.6	9.9	11.1	13.5	18.2	9.9	12.3	13.5	9.3	11.4	11.3	11.6
deeply concerned about children	76.3	72.8	79.7	78.3	78.0	78.6	81.8	80.3	78.8	80.0	76.9	79.3	81.3	79.4
financially comfortable	17.0	17.9	21.3	18.5	21.8	26.1	30.3	17.7	22.7	26.4	20.6	21.0	22.7	21.7
having high aspirations for me	68.3	63.7	73.8	71.6	69.1	70.9	73.2	71.7	68.3	73.1	64.6	69.2	70.3	70.7
difficult to talk with	7.8	8.2	6.3	7.6	6.4	6.3	6.0	7.5	6.7	6.5	8.5	6.5	6.7	7.0
Have Had Remedial Work In														
English	6.1	4.4	3.6	8.5	5.9	5.4	3.6	7.4	5.1	3.3	7.6	5.9	4.3	6.3
reading	5.9	4.3	3.1	7.7	5.0	4.6	2.4	7.3	4.4	2.8	6.7	5.0	3.9	5.6
mathematics	10.1	9.4	7.8	13.9	15.0	13.8	9.7	13.0	12.3	10.4	15.4	14.8	11.1	13.0
social studies	4.8	3.4	2.4	5.9	3.6	3.1	1.6	6.1	3.5	2.0	4.6	3.3	3.1	4.3
science	5.0	4.0	3.3	6.7	5.4	4.9	3.3	6.1	4.6	3.4	5.8	5.3	4.6	5.3
foreign language	5.0	3.7	2.9	6.8	5.8	5.8	3.7	5.9	5.0	3.6	6.7	5.8	4.6	5.6
Will Need Remedial Work In														
English	12.0	10.5	7.6	12.6	7.8	8.4	6.7	11.7	9.4	6.8	16.5	10.1	7.4	10.2
reading	4.5	4.6	2.8	5.1	3.6	4.1	2.8	4.1	3.7	2.5	7.9	4.0	3.2	4.1
mathematics	30.8	26.1	19.0	29.2	20.4	18.7	13.4	29.6	21.9	19.0	35.5	26.8	21.8	24.7
social studies	3.7	3.8	2.1	4.0	2.3	2.0	1.4	4.1	2.7	1.4	5.8	3.3	2.0	3.1
science	11.6	11.2	10.2	12.7	8.3	8.2	6.6	12.2	9.5	8.2	13.4	11.4	9.4	10.5
foreign language	12.9	10.3	8.3	13.1	8.0	10.0	7.3	14.8	12.2	10.8	12.7	13.9	10.2	11.9

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	COLLEGES
Activities Engaged in by Student During the Past Year														
used a personal computer (3)	28.0	32.2	37.4	31.6	31.9	34.1	44.1	27.5	32.0	36.2	25.7	28.8	29.5	31.6
attended a religious service	85.4	83.4	85.5	84.0	80.6	80.0	74.1	92.2	89.3	87.2	87.3	89.0	93.6	86.1
was bored in class	93.5	96.3	97.0	94.7	96.4	96.2	97.0	93.9	96.8	96.9	95.0	95.7	97.3	95.5
participated in demonstration	42.7	37.6	34.6	41.6	39.5	36.8	32.0	41.6	36.4	34.2	42.2	40.4	35.2	38.8
won varsity letter in sports	45.8	52.8	59.5	47.9	54.8	56.8	57.6	49.9	58.6	56.1	53.2	55.5	58.0	53.4
didn't complete homework on time	70.0	68.2	71.3	72.8	71.2	71.3	72.9	71.2	71.1	69.4	70.1	69.8	69.2	71.2
tutored another student	42.9	46.2	65.2	44.9	46.0	51.7	64.0	46.4	50.1	58.1	41.0	46.7	54.9	49.4
did extra class work/reading (3)	10.3	10.3	11.1	11.6	10.4	11.9	13.4	12.3	11.2	12.3	12.0	12.2	9.7	11.8
studied with other students	85.0	87.2	89.9	86.0	87.4	87.7	89.8	86.9	89.8	90.4	86.2	88.0	89.5	87.8
was a guest in a teacher's home	31.4	27.4	32.3	31.9	31.0	35.9	40.2	37.9	38.7	38.5	30.1	28.3	26.6	34.6
smoked cigarettes (3)	9.2	8.5	6.0	8.6	10.1	9.5	6.4	5.4	8.1	7.1	11.8	9.5	7.5	7.9
drank beer	54.3	62.1	60.1	50.9	64.3	65.5	68.3	39.5	59.3	62.6	66.0	69.1	70.9	56.9
drank wine or liquor	56.5	65.3	62.7	51.7	65.5	66.1	71.5	43.1	62.4	67.8	68.6	69.6	70.7	59.1
stayed up all night	80.0	80.1	79.6	81.3	78.8	79.3	77.0	78.7	79.6	78.7	81.3	79.1	77.5	79.3
spoke other language at home (3)	3.5	4.6	6.4	6.0	6.9	7.3	11.3	4.5	4.2	5.1	10.3	7.8	7.0	6.5
felt overwhelmed (3)	19.3	20.6	19.2	19.5	21.3	22.0	24.7	21.0	23.2	23.7	21.6	24.0	22.0	21.8
felt depressed (3)	10.1	8.8	7.1	9.5	8.3	8.8	8.9	10.4	9.1	9.2	10.5	10.1	7.6	9.4
argued with teacher in class	39.6	45.2	42.5	42.5	43.3	47.8	52.8	38.7	48.5	48.2	43.1	43.4	45.2	44.2
took sleeping pills	3.4	2.8	2.6	3.3	3.4	3.6	2.8	3.6	4.0	3.2	3.2	3.3	2.1	3.3
took a tranquilizing pill	2.0	1.7	1.4	1.8	1.9	2.1	1.4	2.3	2.4	1.8	2.0	1.9	1.5	2.0
discussed personal prob w/friend	91.3	92.9	92.9	91.4	93.1	93.3	93.8	93.1	93.9	94.2	93.1	93.2	93.6	93.0
studied in the library (3)	13.3	12.5	13.1	14.3	14.7	16.2	19.1	14.7	14.4	17.0	14.6	15.6	15.7	15.4
performed volunteer work	60.0	61.2	71.4	65.3	66.6	70.4	76.8	68.4	69.9	73.8	69.2	70.1	73.5	69.5
visited art gallery or museum	50.3	53.8	60.9	58.2	60.0	69.6	78.5	52.8	62.6	71.6	59.5	61.7	59.6	61.6
worried about choosing career	74.5	76.5	75.2	67.5	72.8	73.4	74.1	73.0	77.4	77.7	73.3	77.0	80.1	73.5
Student's Religious Preference														
Baptist	32.6	9.6	13.6	21.8	8.8	5.9	2.2	34.1	11.3	8.5	5.0	3.2	1.5	15.3
Buddhist	0.2	0.3	0.3	0.3	0.4	0.5	0.7	0.2	0.3	0.4	0.3	0.2	0.2	0.3
Congregational	1.1	1.0	1.0	1.6	1.8	2.0	2.8	0.9	1.3	1.5	0.4	0.6	0.6	1.4
Eastern Orthodox	0.2	0.6	0.5	0.5	0.7	0.9	0.8	0.2	0.3	0.6	0.4	0.8	0.5	0.5
Episcopal	1.9	1.9	3.8	1.9	3.3	5.7	7.4	2.1	4.5	7.0	2.0	1.6	1.3	3.4
Islamic	0.3	0.2	0.3	0.6	0.4	0.5	0.7	0.2	0.1	0.2	0.4	0.2	0.2	0.4
Jewish	0.7	1.9	1.7	1.5	3.8	3.8	8.4	0.2	0.5	1.6	0.2	0.3	0.3	1.9
LDS (Mormon)	0.3	0.2	0.4	0.3	0.3	0.3	0.2	0.1	0.2	0.2	0.0	0.1	0.1	0.2
Lutheran	4.8	10.7	5.4	3.2	3.5	4.4	3.7	4.8	10.9	16.9	2.8	3.7	3.5	5.3
Methodist	13.2	8.5	10.1	8.1	7.2	6.4	4.5	11.8	15.1	10.7	5.4	2.6	1.7	8.2
Presbyterian	4.1	4.5	6.4	3.8	4.8	7.2	6.6	4.8	11.1	10.2	2.6	2.5	1.4	5.4
Quaker	0.1	0.2	0.2	0.3	0.2	0.5	1.1	0.3	0.4	0.7	0.3	0.2	0.2	0.4
Roman Catholic	20.4	39.3	35.8	24.8	42.5	32.7	25.3	11.7	15.8	20.8	67.3	70.5	81.6	31.8
Seventh Day Adventist	0.3	0.2	0.2	0.3	0.3	0.3	0.1	2.7	0.1	0.1	0.3	0.3	0.1	0.8
other Protestant	3.9	5.2	5.2	13.1	5.0	6.6	4.1	9.4	14.8	4.8	2.8	2.8	1.2	7.9
other religion	6.3	4.3	3.3	7.4	3.7	4.7	4.9	10.5	4.7	4.2	2.9	2.9	1.3	6.0
none	9.4	11.6	11.8	10.8	13.3	17.5	26.5	6.0	8.7	11.7	6.8	7.2	4.6	10.9
Student Born-Again Christian?														
no	57.9	78.3	74.8	60.1	81.0	82.0	92.0	42.4	59.8	76.8	84.2	89.0	93.4	68.8
yes	42.1	21.7	25.2	39.9	19.0	18.0	8.0	57.6	40.2	23.2	15.8	11.0	6.6	31.2

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Student Rated Self Above Average or Highest 10% in														
academic ability	51.1	64.5	81.7	53.6	60.1	72.7	89.5	52.7	67.8	80.7	42.5	58.1	73.8	62.6
artistic ability	22.3	22.7	26.1	27.7	26.7	31.1	33.5	23.1	26.1	29.0	22.3	24.0	20.9	26.4
competitiveness	51.8	56.0	64.2	56.9	56.0	57.4	61.2	55.6	59.4	61.4	49.5	55.3	58.8	57.0
drive to achieve	63.5	67.0	76.8	69.0	68.1	70.4	77.7	68.0	70.9	76.1	61.5	67.6	71.5	69.8
emotional health	55.7	57.0	64.6	61.1	58.4	61.2	62.9	59.3	60.5	61.5	52.1	57.5	60.0	59.8
foreign language ability	26.3	32.1	44.7	28.1	31.7	36.9	51.1	28.0	33.9	43.3	26.6	33.5	37.8	33.4
leadership ability	50.2	53.5	62.3	54.7	55.5	59.0	61.7	55.8	60.0	61.8	50.3	54.5	54.6	56.7
mathematical ability	34.1	43.1	63.3	39.8	41.0	45.5	57.6	34.3	42.9	51.0	28.6	38.6	46.7	41.4
physical health	56.5	59.2	65.9	60.8	60.2	62.9	63.3	58.8	61.8	61.6	55.9	61.2	64.2	60.8
popularity	41.5	44.9	47.9	45.0	44.0	47.4	46.8	43.9	45.2	45.4	42.7	44.4	46.0	45.0
popularity with opposite sex	40.7	42.8	43.8	42.8	42.7	45.0	42.4	42.2	42.4	41.4	40.6	42.1	40.7	42.5
public speaking ability	27.9	31.1	38.3	31.8	32.2	37.1	43.1	34.7	35.9	40.7	28.5	32.6	34.1	34.9
self-confidence (intellectual)	49.7	52.3	64.0	53.2	52.3	59.1	68.2	52.9	57.6	62.8	44.1	51.5	56.1	55.4
self-confidence (social)	44.9	44.7	48.1	47.7	45.0	46.9	46.4	47.8	46.6	46.3	42.9	46.0	45.2	46.6
writing ability	37.1	42.8	52.2	40.8	42.2	51.4	63.9	41.7	47.4	54.9	34.7	42.0	46.3	45.6
Prior Credit at This Institution														
no	96.1	96.8	97.5	96.2	97.0	97.8	98.2	96.5	97.8	98.2	94.7	97.3	98.0	97.0
yes	3.9	3.2	2.5	3.8	3.0	2.2	1.8	3.5	2.2	1.8	5.3	2.7	2.0	3.0
This College is Student's														
first choice	61.3	68.8	77.0	71.3	71.7	68.4	66.3	67.8	75.0	76.1	64.7	70.8	70.7	70.0
second choice	28.3	24.2	17.8	21.6	21.8	22.1	22.6	23.9	18.8	18.2	26.8	22.7	22.7	22.3
third choice	7.3	4.8	3.6	4.8	4.5	6.2	7.4	5.7	3.9	4.1	5.8	4.3	4.6	5.2
less than third choice	3.1	2.2	1.6	2.3	2.0	3.3	3.7	2.6	2.3	1.6	2.7	2.2	2.0	2.5
Number of Other Colleges Applied to for Admission This Year														
none	32.7	24.7	17.0	27.2	14.4	13.9	15.2	27.3	21.7	16.9	19.4	15.4	12.9	20.7
one	16.3	17.3	15.1	15.1	12.2	9.9	4.3	16.0	16.1	12.6	14.8	14.1	10.8	13.2
two	18.9	19.9	18.7	16.7	15.9	14.2	6.8	18.5	18.5	17.0	19.0	17.8	15.4	16.2
three	16.8	17.1	17.9	18.3	19.0	17.0	10.5	17.1	17.2	17.8	18.9	20.0	18.8	17.4
four	8.0	9.9	12.4	10.9	14.5	13.4	13.2	10.3	11.3	13.3	12.5	13.8	14.3	12.2
five	4.0	5.8	8.8	6.1	11.0	12.1	14.4	5.9	7.1	9.8	7.9	9.8	12.1	8.8
six or more	3.2	5.4	10.0	5.7	12.9	19.6	35.7	4.9	8.0	12.6	7.5	9.1	15.7	11.6
Number of Other College Acceptances This Year (4)														
none	14.5	9.6	6.4	13.3	7.7	6.4	5.1	12.7	8.2	5.6	14.4	9.7	5.2	9.6
one	30.3	28.2	23.6	26.5	21.9	19.5	11.6	26.6	25.3	21.9	26.9	24.7	19.3	23.1
two	26.2	26.7	25.0	25.4	23.6	23.2	18.6	26.1	25.4	24.1	24.2	24.9	23.9	24.3
three	17.1	18.8	20.3	19.0	22.1	21.8	22.0	18.2	20.8	21.7	18.4	20.2	22.4	20.3
four	6.9	9.5	12.2	9.1	12.5	13.8	17.2	8.8	10.8	13.2	9.6	11.5	14.0	11.5
five	2.8	3.9	6.1	3.5	6.6	7.5	11.4	4.0	5.0	6.7	3.6	4.4	7.8	5.7
six or more	2.1	3.2	6.4	3.2	5.7	7.7	14.1	3.5	4.5	6.8	3.0	4.6	7.4	5.6

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

HOURS PER WEEK IN THE LAST YEAR SPENT ON	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
None														
studying or doing homework	1.2	1.4	1.0	1.2	1.0	0.8	0.5	1.1	1.0	0.6	1.2	0.8	0.5	0.9
socializing with friends	0.3	0.2	0.1	0.4	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2
talking w/teacher outside class	6.5	6.7	4.5	5.9	3.9	3.9	3.3	4.8	4.3	3.5	4.1	4.7	4.4	4.5
exercising or sports	5.6	3.4	2.2	4.4	3.0	2.5	2.4	4.6	2.9	2.1	3.9	2.4	1.9	3.4
partying	14.0	12.1	14.5	16.5	11.9	12.9	13.0	19.9	15.1	12.8	11.1	11.3	7.8	14.7
working (for pay)	23.9	18.8	29.3	26.3	25.6	34.8	44.5	28.5	30.4	36.5	24.9	24.7	23.9	29.8
volunteer work	51.8	51.1	43.6	46.4	45.6	41.7	35.5	44.7	43.8	38.0	42.9	42.9	39.3	43.0
student clubs and groups	26.4	29.0	17.0	26.2	22.6	19.2	12.5	22.2	19.8	15.0	26.6	24.9	18.0	21.4
watching TV	4.0	5.0	5.3	5.0	5.6	7.7	10.4	4.9	5.8	7.3	5.5	5.3	5.3	6.0
hobbies	9.5	9.4	7.7	7.8	8.6	7.4	8.6	7.9	8.5	7.1	9.4	10.3	8.6	8.2
Six or More Hours														
studying or doing homework	37.8	39.1	47.9	41.3	47.7	56.4	69.6	42.0	50.0	58.9	44.9	50.1	56.2	49.3
socializing with friends	75.4	79.4	81.1	77.2	80.2	82.9	84.5	73.8	81.3	83.2	78.5	80.7	84.7	79.3
talking w/teacher outside class	17.2	13.9	13.2	18.9	18.5	17.7	16.2	19.2	16.7	15.2	20.0	16.3	17.5	17.9
exercising or sports	44.7	49.8	55.1	49.2	52.7	55.5	57.3	46.6	53.9	54.0	51.8	53.5	56.4	51.7
partying	32.8	33.0	28.4	30.7	35.5	32.9	29.2	25.0	30.1	30.2	38.4	38.4	38.3	31.2
working (for pay)	65.3	71.4	59.3	62.9	63.8	52.6	39.8	58.2	55.6	49.9	63.5	64.7	65.0	57.8
volunteer work	5.3	4.6	4.6	6.6	6.9	7.1	7.8	7.2	6.1	6.2	8.2	6.9	6.7	6.9
student clubs and groups	14.4	15.0	17.2	16.2	18.2	19.8	23.8	17.1	19.4	22.0	17.6	18.3	19.8	18.6
watching TV	35.9	30.1	31.0	35.2	31.0	26.7	23.5	34.8	30.8	27.9	29.9	30.4	30.2	31.2
hobbies	29.7	26.1	25.7	33.1	28.6	29.1	25.7	30.5	26.8	26.6	28.4	26.6	24.1	29.0
Sixteen or More Hours														
studying or doing homework	5.7	5.5	8.2	7.4	9.2	12.8	21.7	6.8	9.8	13.6	8.0	9.3	11.1	10.1
socializing with friends	36.7	37.5	38.3	36.8	41.4	39.3	39.2	34.1	38.6	39.8	39.5	41.0	41.4	38.0
talking w/teacher outside class	4.9	3.8	3.3	5.6	5.6	5.2	4.0	5.3	4.4	4.0	6.8	5.0	5.1	5.2
exercising or sports	16.2	16.3	16.7	17.4	19.3	17.9	17.0	17.4	18.7	17.0	19.4	19.4	18.2	18.0
partying	8.4	7.4	5.3	8.0	8.1	6.7	4.8	6.1	7.2	5.3	11.0	9.0	6.8	7.1
working (for pay)	43.2	45.9	34.1	41.4	38.0	28.7	18.1	35.8	30.6	26.2	39.4	38.5	35.1	34.1
volunteer work	1.3	1.2	0.9	1.7	1.7	1.8	1.6	2.0	1.4	1.5	2.1	1.9	1.4	1.7
student clubs and groups	3.5	3.5	3.5	3.6	3.8	4.7	5.7	3.6	4.7	5.6	4.3	4.4	4.5	4.3
watching TV	9.1	5.9	6.1	8.8	6.3	5.2	3.6	9.2	6.6	4.7	5.6	6.4	5.3	6.9
hobbies	8.7	5.7	5.1	9.5	7.3	6.8	5.0	8.5	6.0	5.3	7.1	6.7	5.0	7.3
U.S. Citizen?														
yes	98.7	98.8	97.4	97.5	97.3	96.0	94.5	98.3	97.8	97.8	96.2	96.8	97.6	97.2
permanent resident	0.6	0.7	1.4	0.8	1.0	1.1	2.4	0.6	0.4	0.6	1.2	1.4	1.3	1.0
no	0.8	0.6	1.1	1.7	1.7	2.9	3.1	1.1	1.8	1.6	2.6	1.8	1.1	1.8

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Highest Degreee Planned Anywhere														
none	1.0	0.7	0.5	1.0	1.0	0.7	0.5	1.1	0.9	0.5	0.9	0.8	0.6	0.9
vocational certificate	0.3	0.1	0.1	0.3	0.1	0.0	0.0	0.2	0.2	0.0	0.2	0.1	0.1	0.2
associate (A.A. or equivalent)	1.7	0.6	0.2	1.4	0.5	0.3	0.0	1.3	0.2	0.1	1.0	0.5	0.1	0.7
bachelor's (B.A., B.S.)	35.1	34.7	19.5	35.1	29.2	19.2	7.8	30.2	23.0	14.8	34.1	27.1	20.9	25.7
master's (M.A., M.S.)	38.8	44.4	49.8	38.4	44.3	44.3	37.8	36.8	39.1	38.6	39.1	42.4	44.8	39.8
Ph.D. or Ed.D	11.6	10.6	19.0	12.4	12.3	17.0	28.1	15.0	16.5	21.6	12.4	12.8	13.0	15.8
M.D., D.O., D.D.S., D.V.M	5.0	3.5	5.4	5.1	5.7	8.0	10.9	7.4	9.4	12.3	4.9	6.8	9.1	7.6
LL.B. or J.D. (law)	4.1	3.8	4.6	4.4	4.8	8.7	13.4	4.9	8.4	10.6	4.8	7.9	10.0	7.1
B.D. or M.Div. (divinity)	0.4	0.2	0.1	0.4	0.2	0.4	0.2	0.9	0.5	0.4	0.5	0.3	0.2	0.5
other	2.1	1.4	0.9	1.4	1.8	1.5	1.3	2.2	1.7	1.0	2.1	1.3	1.3	1.6
Highest Degree Planned at Freshman College														
none	5.5	3.5	1.6	2.4	1.3	1.4	0.6	3.4	2.3	1.0	2.8	1.3	0.8	2.0
vocational certificate	0.6	0.2	0.1	0.3	0.1	0.2	0.1	0.5	0.3	0.1	0.3	0.4	0.1	0.3
associate (A.A. or equivalent)	4.7	2.8	1.3	3.5	1.4	0.7	0.2	4.5	1.2	0.6	4.2	1.8	0.8	2.3
bachelor's (B.A., B.S.)	68.6	71.5	76.8	75.6	76.2	84.9	88.9	75.4	84.5	88.5	72.5	77.0	78.7	79.7
master's (M.A., M.S.)	14.9	18.5	16.8	14.1	17.3	9.9	8.0	11.2	8.9	7.1	15.8	14.8	16.3	12.0
Ph.D. or Ed.D	1.8	1.3	2.3	1.1	1.3	0.8	1.0	1.8	0.9	0.9	1.8	1.4	1.3	1.3
M.D., D.O., D.D.S., D.V.M	0.5	0.3	0.3	0.6	0.5	0.4	0.2	0.6	0.3	0.5	0.3	0.6	0.5	0.5
LL.B. or J.D. (law)	1.0	0.4	0.2	0.6	0.6	0.7	0.5	0.6	0.4	0.7	0.1	1.3	0.4	0.6
B.D. or M.Div. (divinity)	0.3	0.1	0.1	0.3	0.2	0.1	0.0	0.3	0.2	0.0	0.4	0.1	0.1	0.2
other	1.9	1.4	0.6	1.5	1.2	0.9	0.5	1.7	0.9	0.7	1.8	1.2	0.8	1.2
Reasons Noted as Very Important or Essential in Career Choice														
job openings regularly available	73.3	73.1	65.5	71.5	67.8	58.4	48.0	69.9	63.4	57.9	72.9	70.0	68.2	65.8
rapid advancement possible	69.4	65.7	60.7	66.9	64.6	55.9	44.5	62.6	55.1	52.2	63.9	65.2	63.9	60.4
high anticipated earnings	75.2	71.3	64.8	72.2	70.2	61.1	51.2	66.6	60.7	59.2	69.1	70.2	70.2	65.7
well-respected/prestigious job	69.5	65.3	61.6	67.2	63.9	58.0	50.7	64.7	59.2	57.4	67.6	66.0	65.2	62.6
great deal of independence	69.9	65.7	60.6	68.1	67.1	68.6	69.8	66.8	63.6	66.5	69.6	68.4	65.2	67.4
chance for steady progress	79.4	76.7	78.4	80.1	77.7	76.5	73.6	75.2	72.1	74.5	77.8	78.8	79.7	76.6
make important contrib to soc	67.9	65.1	68.3	68.3	66.8	70.8	74.8	73.5	72.5	73.2	72.6	69.7	68.9	71.2
can avoid pressure	40.7	34.6	26.8	37.7	34.5	32.5	25.3	38.5	30.0	26.8	40.9	36.6	31.2	34.5
can work with ideas	71.8	69.6	72.0	71.8	70.9	75.8	78.7	70.8	70.4	73.2	71.4	72.8	70.0	72.4
can be helpful to others	79.7	75.1	74.1	77.7	76.7	76.5	76.8	83.5	79.5	78.6	84.3	79.5	77.5	79.4
able to work with people	78.0	75.9	71.4	77.2	76.2	75.7	72.4	82.8	77.9	76.6	84.7	80.0	78.4	78.5
intrinsic interest in field	78.3	80.0	81.4	79.8	79.8	82.2	86.0	78.4	79.6	83.5	79.3	79.9	80.6	80.5
work would be challenging	72.5	71.1	75.7	75.2	73.1	76.6	82.1	74.3	75.0	78.3	74.5	74.7	74.1	75.6

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Probable Career Occupation														
accountant or actuary	7.2	10.9	2.9	5.9	6.3	3.1	0.9	6.1	4.6	3.2	5.3	7.8	7.2	5.1
actor or entertainer	0.9	1.1	0.5	1.7	2.3	1.6	1.0	1.3	1.3	1.0	1.0	1.5	0.5	1.4
architect or urban planner	0.9	0.4	2.1	0.8	0.7	1.2	0.8	0.6	0.8	0.6	0.4	0.3	0.3	0.7
artist	1.7	2.0	1.0	4.1	2.9	4.2	1.1	0.9	1.6	1.1	2.8	1.5	0.4	2.2
business (clerical)	0.9	0.7	0.3	1.0	0.3	0.3	0.1	0.6	0.5	0.2	0.5	0.8	0.5	0.5
business executive (management)	11.7	14.3	7.8	10.1	12.6	11.7	8.6	10.3	11.6	11.3	11.4	14.1	16.1	11.3
business owner or proprietor	3.4	3.3	2.0	3.7	4.1	4.4	2.0	3.0	3.3	2.5	3.5	4.7	3.7	3.5
business salesperson or buyer	1.5	1.8	0.7	1.3	1.3	1.4	0.4	1.4	1.2	0.7	1.4	1.9	1.7	1.3
clergy (minister,priest)	0.1	0.1	0.0	0.5	0.2	0.3	0.1	1.3	0.5	0.4	0.8	0.2	0.2	0.6
clergy (other religious)	0.0	0.0	0.0	0.3	0.1	0.2	0.1	0.6	0.3	0.2	0.1	0.0	0.1	0.3
clinical psychologist	1.9	1.9	1.5	1.7	1.7	2.3	1.6	1.9	1.7	2.4	2.1	2.4	2.4	2.0
college teacher	0.4	0.4	0.3	0.3	0.5	0.7	2.0	0.7	1.0	0.9	0.2	0.4	0.5	0.7
computer programmer or analyst	3.5	2.6	2.4	2.5	2.9	1.1	1.1	2.7	1.5	1.2	1.7	1.9	1.2	2.0
conservationist or forester	0.7	0.3	0.3	0.3	0.2	0.6	0.5	0.2	0.2	0.4	0.0	0.1	0.1	0.3
dentist (including orthodontist)	0.7	0.4	0.5	0.4	0.3	0.8	0.3	0.8	0.5	0.8	0.4	0.7	0.5	0.6
dietitian or home economist	0.2	0.0	0.2	0.1	0.2	0.1	0.0	0.1	0.0	0.1	0.1	0.3	0.0	0.1
engineer	5.3	4.4	24.2	10.2	5.5	6.4	8.0	3.3	3.2	3.7	1.0	1.7	3.9	5.3
farmer or rancher	0.5	0.1	0.1	0.2	0.0	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.1	0.2
foreign service worker	0.6	0.6	1.2	0.5	0.7	2.2	4.4	0.6	1.9	3.1	0.9	1.9	1.5	1.5
homemaker (full-time)	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.0	0.1	0.2	0.1
interior decorator (incl design)	0.5	0.2	0.5	0.8	0.5	1.0	0.1	0.5	0.4	0.4	1.1	0.7	0.2	0.6
intepreter (translator)	0.2	0.3	0.3	0.1	0.1	0.5	0.5	0.3	0.2	0.3	0.2	0.4	0.3	0.3
lab technician or hygienist	0.4	0.3	0.1	0.2	0.3	0.2	0.1	0.3	0.2	0.2	0.3	0.3	0.2	0.2
law enforcement officer	0.9	1.1	0.3	1.0	0.6	0.3	0.1	1.0	0.7	0.3	2.4	0.9	0.6	0.8
lawyer (attorney) or judge	4.7	4.2	4.5	4.4	4.8	8.4	12.0	5.5	8.8	10.7	6.0	8.2	10.1	7.2
military service (career)	0.5	1.4	9.3	2.9	0.5	0.4	0.2	0.3	0.2	0.3	0.3	0.4	0.4	0.8
musician (performer,composer)	1.2	1.1	0.5	1.0	1.0	1.3	0.4	2.2	1.1	1.3	1.0	0.7	0.2	1.2
nurse	2.7	2.0	0.7	1.5	1.0	0.7	0.1	2.0	1.7	1.0	4.2	2.0	2.2	1.6
optometrist	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.4	0.2	0.0	0.3	0.2	0.2
pharmacist	1.2	0.4	0.5	0.4	0.3	0.4	0.1	1.4	0.5	0.3	0.7	0.5	0.2	0.6
physician	2.7	2.2	3.0	3.4	3.6	5.5	8.3	5.7	7.1	9.4	3.3	4.3	6.8	5.5
school counselor	0.4	0.4	0.3	0.5	0.3	0.3	0.2	0.6	0.4	0.3	0.3	0.5	0.5	0.4
school principal/superintendent	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1
scientific researcher	1.8	1.2	2.4	0.8	2.4	1.9	4.2	1.2	2.0	3.3	0.7	1.5	1.5	1.7
social,welfare,recreation worker	1.6	1.2	0.6	1.5	0.8	1.1	0.5	1.7	1.5	1.1	2.3	1.4	0.8	1.3
statistician	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1
therapist (phys,occup,speech)	3.6	2.7	1.6	1.5	3.7	1.8	0.5	2.7	2.2	1.8	7.1	2.1	2.1	2.4
teacher (elementary)	7.0	8.2	4.7	5.1	5.0	2.9	1.0	8.1	6.9	3.3	9.1	5.3	3.5	5.4
teacher (secondary)	4.6	5.0	3.1	3.2	3.3	2.9	2.5	6.0	4.9	3.2	3.6	4.0	3.1	3.9
veterinarian	0.7	0.5	0.4	0.9	0.8	0.6	0.8	0.6	0.9	0.8	0.6	0.6	0.7	0.7
writer or journalist	2.2	2.8	1.6	2.1	3.7	3.9	5.0	2.7	3.0	4.0	2.4	2.4	3.2	3.1
skilled trades	0.5	0.3	0.2	1.3	0.5	0.2	0.2	0.5	0.2	0.1	0.1	0.2	0.2	0.5
other career	8.5	7.7	5.1	12.7	11.2	6.2	4.6	8.8	6.6	5.7	9.7	8.1	5.5	8.5
undecided	11.4	11.1	12.1	8.9	12.3	16.4	25.3	10.4	14.0	17.8	10.7	12.7	15.9	13.4
Twin Status														
no	98.4	98.3	98.6	98.1	98.5	98.0	98.4	98.0	98.4	98.4	98.7	98.5	98.3	98.2
yes - identical	0.6	0.6	0.4	0.8	0.5	0.7	0.5	0.9	0.6	0.7	0.5	0.5	0.6	0.7
yes - fraternal	1.0	1.1	1.1	1.1	1.0	1.2	1.1	1.1	1.0	0.9	0.8	1.0	1.2	1.1

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

PROBABLE MAJOR FIELD OF STUDY	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Arts and Humanities														
art, fine and applied	1.8	2.3	1.5	5.2	4.2	5.3	1.5	1.4	2.3	1.6	3.6	2.2	0.7	2.9
English (language & literature)	1.0	1.1	1.6	1.0	1.3	4.7	8.1	1.4	3.0	4.0	1.1	2.1	2.4	2.6
history	0.7	1.1	1.3	0.7	0.9	2.0	4.4	1.0	1.8	2.0	1.2	1.1	2.0	1.5
journalism	1.4	1.5	0.8	1.2	2.1	1.4	1.3	1.6	1.4	1.6	1.4	1.3	1.8	1.5
language or literature	0.3	0.6	0.8	0.3	0.5	1.4	3.0	0.4	0.9	1.5	0.4	1.0	1.1	0.9
music	1.1	1.1	0.5	0.9	0.8	1.3	0.4	2.4	1.4	1.4	0.9	0.7	0.1	1.3
philosophy	0.1	0.1	0.1	0.2	0.2	0.5	1.3	0.1	0.4	0.8	0.6	0.2	0.2	0.4
speech	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.2	0.1	0.2	0.0	0.1	0.1	0.1
theater or drama	0.6	0.8	0.4	0.8	1.4	1.2	1.1	0.9	1.0	1.0	0.9	1.3	0.3	1.0
theology or religion	0.0	0.0	0.0	0.6	0.2	0.3	0.1	1.4	0.6	0.4	0.3	0.2	0.2	0.6
other arts and humanities	0.5	0.3	0.3	0.7	0.7	1.0	1.0	0.4	0.4	0.5	0.7	0.7	0.8	0.6
Biological Sciences														
biology (general)	1.5	1.5	2.1	1.8	2.3	2.8	4.4	2.9	3.2	4.1	2.1	2.5	4.3	2.9
biochemistry or biophysics	0.2	0.3	0.8	0.3	0.4	0.7	1.3	0.5	0.7	1.0	0.3	0.6	0.7	0.6
botany	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
marine (life) science	0.9	0.5	1.1	0.3	1.0	0.5	0.6	0.4	0.5	1.1	0.3	1.1	0.5	0.5
microbiology or bacteriology	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.0	0.1	0.1	0.1
zoology	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.4	0.3	0.3	0.4	0.2	0.1	0.3
other biological sciences	0.6	0.3	0.3	0.4	1.0	0.7	0.9	0.5	0.5	0.6	0.4	0.4	0.5	0.6
Business														
accounting	7.4	11.1	2.9	6.1	6.2	3.3	0.7	6.4	4.9	3.3	5.3	8.6	8.0	5.4
business administration	6.8	7.3	4.1	6.0	6.4	5.6	2.7	7.1	7.7	5.8	6.8	8.1	8.2	6.4
finance	1.8	3.2	1.0	1.5	2.0	2.6	1.0	1.3	1.5	2.0	0.9	2.5	4.3	1.8
marketing	3.7	4.3	1.4	2.6	4.0	3.2	0.9	2.5	2.8	2.3	3.3	4.2	5.2	2.9
management	4.9	5.3	3.8	5.6	5.3	4.4	1.7	4.1	3.2	3.2	5.5	5.9	4.6	4.4
secretarial studies	0.4	0.1	0.0	0.5	0.0	0.0	0.0	0.2	0.1	0.0	0.2	0.0	0.0	0.2
other business	1.5	1.2	0.9	1.3	1.6	1.5	0.8	1.1	1.7	1.4	1.7	2.0	2.0	1.4
Education														
business education	0.4	0.3	0.0	0.4	0.2	0.2	0.0	0.3	0.2	0.1	0.4	0.2	0.2	0.2
elementary education	6.6	7.4	3.8	4.5	4.1	2.5	0.6	7.2	5.9	2.9	7.7	5.2	3.2	4.7
music or art education	0.5	0.6	0.3	0.4	0.2	0.3	0.0	0.9	0.7	0.4	0.5	0.3	0.1	0.5
physical education or recreation	1.8	0.6	0.2	1.1	2.2	0.3	0.0	2.5	1.0	0.3	1.1	1.1	0.2	1.2
secondary education	2.4	3.2	1.6	1.9	1.5	1.3	0.8	3.3	2.6	1.6	2.1	2.7	1.9	2.1
special education	0.7	1.1	0.9	0.6	0.6	0.4	0.1	0.6	1.0	0.3	1.5	0.4	0.5	0.6
other education	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.4	0.3	0.2	0.6	0.2	0.1	0.3
Engineering														
aeronautical/astronautical eng.	0.5	0.4	8.2	7.8	0.7	0.3	1.4	0.5	0.5	0.4	0.2	0.2	0.4	1.8
civil engineering	0.9	1.0	2.9	0.3	0.3	0.3	1.0	0.4	0.4	0.6	0.0	0.1	0.7	0.4
chemical engineering	0.4	0.3	2.1	0.5	0.1	0.2	0.8	0.3	0.3	0.3	0.0	0.3	0.3	0.4
electrical engineering	2.1	1.8	7.5	2.2	1.8	2.2	2.5	1.0	0.8	0.9	0.2	0.4	1.4	1.4
industrial engineering	0.1	0.2	1.2	0.1	0.2	0.5	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.2
mechanical engineering	1.4	1.3	4.9	1.0	1.4	2.8	1.6	0.4	0.8	0.9	0.3	0.3	0.9	1.0
other engineering	0.7	0.4	3.8	0.7	1.5	0.6	1.2	0.5	0.4	0.6	0.1	0.1	0.3	0.6

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

PROBABLE MAJOR FIELD OF STUDY	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Physical Sciences														
astronomy	0.1	0.1	0.2	0.1	0.0	0.0	0.3	0.1	0.0	0.1	0.1	0.0	0.0	0.1
atmospheric science	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry	0.6	0.6	0.9	0.4	0.8	0.8	1.5	0.9	1.0	1.6	0.2	0.8	0.9	0.8
earth science	0.2	0.2	0.1	0.0	0.1	0.4	0.3	0.0	0.2	0.2	0.0	0.1	0.1	0.1
marine science	0.5	0.1	0.4	0.1	0.3	0.2	0.2	0.1	0.2	0.2	0.0	0.3	0.1	0.1
mathematics	0.5	0.6	1.3	0.5	0.8	1.2	1.6	0.9	1.0	1.4	0.6	0.7	1.5	1.0
physics	0.3	0.5	1.0	0.4	0.4	0.7	1.9	0.3	0.8	1.2	0.1	0.3	0.5	0.6
statistics	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
other physical sciences	0.2	0.1	0.1	0.5	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.2
Professional														
architecture or urban planning	0.6	0.3	2.0	0.5	0.5	0.9	0.4	0.4	0.5	0.5	0.3	0.3	0.2	0.5
home economics	0.4	0.1	0.2	0.1	0.1	0.1	0.0	0.3	0.1	0.1	0.0	0.4	0.0	0.1
health technology (med,dent,lab)	0.8	0.6	0.3	0.7	0.7	0.4	0.5	0.8	0.8	0.7	0.7	0.6	0.6	0.7
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	2.7	1.9	0.6	1.6	1.0	0.7	0.1	2.0	1.7	0.9	4.2	2.2	2.2	1.6
pharmacy	1.1	0.3	0.3	0.3	0.2	0.3	0.0	1.2	0.3	0.2	0.6	0.3	0.1	0.5
predent, premed, prevet	2.5	1.7	2.1	2.3	2.8	4.1	4.4	4.0	5.4	6.5	2.5	3.1	4.0	3.8
therapy (occup,phys,speech)	3.0	2.5	1.4	1.2	3.1	1.5	0.3	2.1	1.8	1.5	6.9	1.3	1.6	1.9
other professional	1.2	0.9	0.6	2.3	1.3	1.0	0.7	1.2	1.4	1.7	1.8	1.5	1.3	1.4
Social Sciences														
anthropology	0.2	0.2	0.2	0.0	0.0	0.5	0.9	0.1	0.1	0.5	0.0	0.2	0.0	0.2
economics	0.2	0.4	0.5	0.3	0.4	1.5	3.5	0.2	0.6	1.5	0.0	0.4	0.8	0.8
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0
geography	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	2.6	2.5	5.0	2.6	2.8	6.9	11.5	2.8	5.9	8.3	3.1	5.6	5.5	4.9
psychology	5.2	4.4	3.7	4.0	4.7	5.6	4.8	6.0	5.4	5.9	6.4	5.8	5.8	5.3
social work	1.1	0.9	0.3	1.0	0.5	0.6	0.3	1.0	0.9	0.8	1.5	1.2	0.6	0.9
sociology	0.6	0.5	0.3	0.5	0.5	0.7	0.6	0.7	0.6	0.5	0.1	0.6	0.5	0.6
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.2	0.1	0.2	0.2	0.2	0.1	0.5	0.2	0.2	0.3	0.4	0.1	0.2	0.2
Technical														
building trades	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing	1.1	0.9	0.5	0.9	0.9	0.4	0.3	1.1	0.4	0.5	0.7	0.6	0.3	0.7
drafting or design	0.3	0.1	0.1	0.4	0.2	0.4	0.0	0.2	0.1	0.1	0.2	0.1	0.0	0.2
electronics	0.3	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
mechanics	0.3	0.0	0.0	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
other technical	0.2	0.0	0.1	0.6	0.6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2
Other Fields														
agriculture	0.9	0.1	0.0	0.4	0.0	0.0	0.0	0.4	0.1	0.0	0.1	0.0	0.0	0.2
communications	2.9	3.8	1.6	3.0	6.5	2.3	0.5	4.8	2.5	2.2	2.5	3.8	3.5	3.4
computer science	2.4	1.9	2.0	2.3	2.2	0.8	0.9	1.8	1.2	1.0	1.0	1.4	0.9	1.5
forestry	0.3	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1
law enforcement	1.4	1.2	0.5	1.4	1.0	0.5	0.1	1.3	0.8	0.3	3.4	1.2	0.8	1.1
military science	0.1	0.0	0.4	0.5	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1
other field	1.3	0.7	0.5	4.2	2.3	0.9	0.7	1.6	0.9	0.8	1.5	1.4	0.4	1.8
undecided	7.3	7.6	8.2	5.5	6.3	8.8	14.0	5.7	8.7	10.5	7.0	6.8	8.4	7.6

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Father's Education														
grammar school or less	3.4	2.2	1.5	3.4	2.7	1.8	1.5	3.5	1.7	1.1	5.7	3.5	2.7	2.8
some high school	8.3	6.1	3.6	7.4	4.4	2.9	2.1	8.3	3.8	2.0	5.9	5.1	3.7	5.4
high school graduate	32.1	30.3	17.4	26.0	21.2	15.5	7.1	27.6	19.3	13.1	28.3	23.1	18.2	21.4
postsecondary other than college	5.9	6.5	4.9	5.2	4.6	3.9	2.2	4.9	4.2	4.0	5.3	4.7	4.8	4.5
some college	17.4	16.0	15.2	16.2	15.6	11.6	7.9	16.9	13.8	12.0	15.6	15.3	13.2	14.4
college degree	19.8	22.0	28.2	22.2	25.7	25.5	22.5	20.1	24.7	25.5	21.0	22.9	27.1	23.1
some graduate school	1.7	2.6	4.1	2.8	3.1	4.7	5.3	2.7	4.0	5.0	2.3	3.8	3.9	3.5
graduate degree	11.4	14.3	25.0	16.7	22.7	34.2	51.4	16.0	28.6	37.4	15.9	21.6	26.3	24.9
Father's Occupation (5)														
artist (including performer)	0.6	0.8	0.8	0.9	1.0	1.5	1.9	0.7	0.9	1.0	0.9	0.8	0.8	1.0
businessman	26.3	28.8	31.2	29.5	37.7	37.1	34.6	26.3	33.0	36.0	33.6	35.2	40.6	32.6
clergy or religious worker	1.1	0.6	0.8	2.2	0.8	1.6	1.2	4.4	3.6	3.1	0.4	0.3	0.3	2.3
college teacher or administrator	0.7	0.5	1.1	0.7	1.2	1.9	4.3	0.9	1.7	2.1	0.6	0.8	0.8	1.4
doctor or dentist	1.1	0.9	2.1	1.7	2.7	5.6	9.6	1.7	4.3	6.8	3.0	3.5	3.8	3.7
education (secondary)	3.5	4.7	5.7	3.2	3.9	4.8	5.4	4.3	5.6	5.1	3.4	4.6	4.7	4.4
education (elementary)	0.7	1.4	1.1	1.1	1.1	1.0	0.9	1.0	1.3	1.1	0.7	1.0	1.3	1.0
engineer	6.8	8.3	11.0	7.6	8.0	7.3	6.9	6.1	6.2	7.0	7.2	6.8	6.9	7.0
farmer or forester	3.5	2.0	1.3	2.0	1.2	1.1	0.6	3.3	4.1	1.9	2.3	1.7	1.0	2.1
health professional (non-M.D.)	1.3	1.2	1.6	1.3	1.1	1.0	1.4	1.4	1.2	1.3	1.0	1.1	1.1	1.2
lawyer	0.7	0.8	1.5	1.1	2.3	4.4	7.6	1.2	3.1	4.7	1.5	2.2	3.6	2.8
military (career)	3.0	1.6	4.3	2.5	1.3	1.0	0.9	2.4	1.5	1.5	1.5	1.4	0.8	1.7
research scientist	0.4	0.4	0.7	0.5	0.6	0.8	1.7	0.4	0.5	0.8	0.5	0.7	0.5	0.6
skilled worker	11.2	12.4	7.9	9.5	8.4	6.2	3.7	9.5	7.0	5.3	9.0	7.9	6.9	7.8
semi-skilled worker	4.7	5.0	2.9	4.1	2.7	2.4	1.5	4.4	3.4	2.1	2.6	3.7	2.8	3.3
laborer (unskilled)	3.3	3.8	1.6	2.7	1.9	1.5	0.8	3.0	1.7	1.5	3.4	2.6	1.8	2.2
unemployed	2.7	2.0	1.4	3.1	1.9	1.5	1.2	3.2	1.4	1.1	2.6	1.9	1.6	2.2
other	28.5	24.8	22.8	26.3	22.2	19.1	15.8	25.9	19.5	17.7	26.1	23.9	20.5	22.6
Father's Religious Preference														
Baptist	30.9	9.1	13.7	21.7	8.9	6.0	2.8	33.3	11.7	9.5	5.0	3.0	1.6	14.9
Buddhist	0.2	0.3	0.5	0.5	0.4	0.6	1.1	0.2	0.3	0.5	0.3	0.4	0.3	0.4
Congregational	1.0	1.0	0.9	1.7	1.7	1.9	3.3	1.0	1.2	1.5	0.7	0.6	0.5	1.5
Eastern Orthodox	0.4	0.7	0.6	0.6	0.9	1.1	1.0	0.3	0.3	0.6	0.4	1.1	0.6	0.6
Episcopal	2.0	1.9	3.9	1.7	3.2	5.9	7.9	2.0	4.3	7.2	2.3	1.8	1.5	3.5
Islamic	0.4	0.2	0.3	0.5	0.5	0.7	1.0	0.4	0.2	0.3	0.3	0.3	0.2	0.5
Jewish	1.0	2.1	2.2	1.9	4.6	5.2	11.0	0.3	0.8	2.0	0.7	0.7	0.6	2.6
LDS (Mormon)	0.4	0.2	0.4	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.1	0.2	0.0	0.2
Lutheran	5.5	11.8	6.1	3.7	4.2	5.1	4.5	5.1	11.1	17.6	3.9	5.3	4.1	5.9
Methodist	14.2	9.3	10.6	8.9	7.8	7.2	5.6	12.2	15.1	11.7	5.4	3.4	2.0	8.8
Presbyterian	5.1	5.0	6.5	4.6	5.3	8.1	7.5	5.3	10.9	10.8	3.0	2.7	1.8	6.0
Quaker	0.1	0.3	0.1	0.3	0.3	0.4	0.7	0.3	0.3	0.5	0.4	0.2	0.2	0.4
Roman Catholic	21.8	40.3	36.5	25.0	43.0	34.6	27.8	12.0	17.1	20.7	65.4	69.0	79.2	32.5
Seventh Day Adventist	0.3	0.2	0.1	0.3	0.3	0.3	0.2	2.6	0.1	0.1	0.3	0.3	0.2	0.8
other Protestant	4.2	5.4	5.5	13.2	5.8	7.2	4.9	8.4	14.6	4.8	3.1	3.4	2.3	7.9
other religion	4.6	3.4	3.0	6.3	3.3	3.8	3.6	8.8	4.2	3.1	2.6	2.1	1.4	4.9
none	7.9	8.9	9.1	8.9	9.3	11.6	16.6	7.7	7.2	8.7	6.1	5.6	3.7	8.7

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Mother's Education														
grammar school or less	2.2	1.7	1.3	2.4	2.3	1.6	1.3	1.9	1.1	0.9	5.4	2.7	2.3	2.1
some high school	6.6	4.5	2.6	5.1	3.2	2.4	1.8	6.3	2.5	1.6	5.3	3.7	2.9	4.0
high school graduate	37.7	40.2	26.2	31.3	29.7	21.4	11.1	32.0	24.6	17.6	34.0	30.5	29.0	27.2
postsecondary other than college	8.8	8.9	7.9	7.7	8.1	7.4	5.2	7.0	7.3	7.2	8.4	8.7	9.5	7.5
some college	19.2	17.7	19.8	19.9	19.2	16.2	12.2	20.4	18.4	17.0	16.5	18.0	15.8	18.1
college degree	15.9	17.3	24.7	19.9	22.5	28.8	33.0	20.1	28.0	30.6	19.1	22.5	24.6	23.9
some graduate school	2.1	2.5	4.3	3.0	3.2	5.2	7.6	2.8	4.5	6.3	2.8	3.7	4.1	4.0
graduate degree	7.5	7.2	13.1	10.7	11.8	17.0	27.8	9.7	13.6	18.8	8.5	10.2	11.7	13.3
Mother's Career (5)														
artist (including performer)	0.9	1.3	1.6	1.6	2.1	3.4	4.5	1.2	2.0	2.9	1.5	1.9	1.3	2.1
businesswoman	14.9	13.0	14.5	15.5	17.0	14.9	14.5	14.0	12.8	14.1	14.3	14.6	12.4	14.5
business (clerical)	12.1	13.0	11.3	10.8	10.6	8.8	6.0	9.8	9.2	8.9	9.5	9.6	10.9	9.5
clergy or religious worker	0.2	0.1	0.1	0.1	0.3	0.2	0.4	0.4	0.6	0.6	0.0	0.1	0.2	0.3
college teacher or administrator	0.3	0.3	0.6	0.5	0.4	1.0	2.1	0.4	0.8	1.1	0.2	0.3	0.4	0.7
doctor or dentist	0.3	0.3	0.5	0.3	0.4	0.6	1.6	0.3	0.6	0.7	0.8	0.3	0.3	0.5
education (secondary)	3.9	3.3	6.0	4.7	4.3	5.5	7.2	4.6	5.7	6.8	2.2	4.2	4.5	5.0
education (elementary)	6.4	6.9	9.3	8.0	7.6	7.8	9.1	8.7	9.6	10.3	6.1	6.5	8.4	8.3
engineer	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.1	0.1	0.2	0.2
farmer or forester	0.3	0.3	0.2	0.4	0.2	0.2	0.2	0.5	0.4	0.2	0.2	0.2	0.2	0.3
health professional (non-M.D.)	1.9	2.0	2.1	1.9	1.9	2.0	2.2	1.9	2.0	2.2	1.9	1.9	2.0	2.0
homemaker (full-time)	13.3	15.9	15.5	14.7	16.3	18.7	17.3	15.0	19.0	18.0	18.9	19.8	22.1	17.1
lawyer	0.2	0.1	0.3	0.3	0.2	0.6	1.6	0.2	0.2	0.5	0.2	0.2	0.3	0.4
nurse	8.3	7.9	8.2	7.5	7.0	7.7	5.7	7.5	7.8	7.0	9.1	8.4	10.1	7.6
research scientist	0.1	0.1	0.2	0.1	0.1	0.2	0.6	0.0	0.2	0.2	0.1	0.1	0.1	0.2
social,welfare,recreation worker	1.5	1.2	1.4	1.8	1.5	1.9	2.6	1.7	1.4	2.3	1.2	1.3	1.4	1.7
skilled worker	2.4	2.4	2.2	2.1	2.0	1.5	1.1	2.6	1.6	1.4	1.9	1.8	1.7	1.9
semi-skilled worker	3.2	3.1	2.5	2.3	2.0	1.6	1.3	2.4	1.7	1.6	2.4	2.0	1.7	2.0
laborer (unskilled)	2.1	2.2	1.0	1.5	1.5	1.1	0.5	1.7	1.4	1.0	2.0	1.7	1.0	1.4
unemployed	5.8	4.9	4.1	5.8	5.1	5.2	4.2	5.5	5.3	3.7	5.6	5.6	4.4	5.2
other	21.9	21.6	18.3	19.9	19.1	16.9	16.9	21.1	17.7	16.4	21.8	19.4	16.4	19.0
Mother's Religious Preference														
Baptist	32.1	9.8	14.1	22.3	9.4	6.3	3.0	34.1	12.0	9.4	5.6	3.0	1.7	15.4
Buddhist	0.2	0.3	0.6	0.5	0.5	0.7	1.2	0.3	0.3	0.4	0.4	0.4	0.3	0.5
Congregational	1.2	1.0	0.9	1.9	1.9	2.4	3.6	1.1	1.3	1.8	0.6	0.6	0.5	1.6
Eastern Orthodox	0.2	0.6	0.6	0.5	0.7	1.0	0.9	0.2	0.3	0.6	0.5	0.9	0.6	0.6
Episcopal	2.4	2.1	4.3	2.2	4.0	6.8	9.1	2.2	5.0	7.5	2.1	1.9	1.6	3.9
Islamic	0.2	0.1	0.3	0.4	0.4	0.6	0.8	0.2	0.2	0.2	0.3	0.2	0.2	0.3
Jewish	0.9	2.1	2.0	1.8	4.2	4.6	9.9	0.2	0.7	1.9	0.3	0.4	0.5	2.3
LDS (Mormon)	0.4	0.2	0.4	0.3	0.2	0.3	0.3	0.1	0.2	0.2	0.1	0.2	0.1	0.2
Lutheran	5.4	11.8	6.0	3.7	4.0	5.3	4.8	5.1	11.7	18.1	2.9	4.7	3.9	5.9
Methodist	15.0	9.9	11.6	9.1	8.2	8.0	6.0	13.1	16.0	12.2	6.0	3.3	2.2	9.3
Presbyterian	5.0	5.0	7.2	4.9	5.5	8.6	8.6	5.5	11.6	11.2	3.1	3.5	1.8	6.4
Quaker	0.2	0.2	0.2	0.4	0.3	0.4	0.9	0.3	0.3	0.7	0.4	0.2	0.2	0.4
Roman Catholic	22.3	41.8	37.6	26.8	44.3	35.7	29.0	12.3	17.5	22.0	68.2	71.9	81.2	33.7
Seventh Day Adventist	0.4	0.3	0.2	0.4	0.3	0.3	0.2	2.7	0.1	0.2	0.4	0.3	0.2	0.8
other Protestant	4.2	5.8	5.6	13.2	6.0	7.5	5.5	9.3	14.7	5.0	3.5	3.4	2.0	8.2
other religion	5.6	3.8	3.1	6.9	4.0	4.2	4.1	9.9	4.2	3.4	2.6	2.3	1.2	5.5
none	4.3	5.2	5.3	4.7	6.1	7.4	12.1	3.4	3.9	5.2	3.0	2.8	2.0	5.0

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
Reasons Noted as Very Important in Deciding to Go to College	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	COLLEGES
parents wanted me to go	37.7	32.9	29.2	38.0	34.1	31.4	27.2	40.5	34.4	28.4	36.9	36.2	34.7	35.4
could not find a job	7.6	6.3	3.7	7.1	4.5	4.3	2.6	7.8	5.0	3.5	6.8	6.0	4.4	5.7
wanted to get away from home	17.1	16.3	15.3	19.3	17.6	16.7	16.5	18.4	17.9	17.2	17.6	18.2	16.7	17.9
get a better job	78.1	77.6	70.9	75.7	72.8	64.4	57.0	74.0	71.5	69.4	73.7	71.7	71.7	71.0
gain general education	61.2	59.5	62.9	62.7	63.8	70.0	79.6	64.1	66.2	72.0	65.9	66.8	67.6	66.9
improve reading and study skills	42.7	38.1	33.5	41.5	38.6	40.4	41.4	44.8	40.2	42.7	45.4	45.0	41.4	42.3
nothing better to do	2.5	2.3	2.0	2.9	2.0	2.4	3.1	3.0	2.3	2.5	2.4	2.1	1.9	2.6
become a more cultured person	35.3	31.9	36.0	38.5	38.3	44.6	52.7	40.1	41.7	49.3	38.7	42.6	42.9	42.2
make more money	76.7	73.9	64.9	71.8	69.1	58.2	47.4	68.1	61.9	60.3	69.4	69.0	66.5	65.1
learn more about things	70.4	68.5	73.7	74.4	73.0	76.8	85.0	71.8	72.1	78.7	72.2	73.6	71.6	74.5
prepare for graduate school	50.4	46.2	51.1	49.0	48.7	54.3	60.4	54.0	54.5	62.4	51.0	53.8	55.9	53.7
Reasons Noted as Very Important in Selecting This College														
relatives wanted me to come	9.7	7.3	8.0	10.3	7.1	6.8	5.6	11.6	8.9	6.3	8.2	7.9	8.1	8.8
advice of teacher	3.3	3.6	3.0	4.9	4.4	3.9	4.8	4.4	3.5	2.8	4.5	4.0	3.4	4.2
good academic reputation	37.3	54.1	74.5	58.6	60.9	65.5	78.8	50.0	66.2	75.3	49.3	60.8	72.1	61.3
good social reputation	19.3	17.9	19.7	22.5	21.8	22.4	24.8	24.4	25.9	24.4	20.6	25.7	32.7	24.2
offered financial assistance	27.1	17.8	23.0	31.0	34.8	29.8	26.8	41.2	42.0	37.9	35.9	37.2	31.9	35.2
offers special programs	19.3	18.0	22.9	30.3	22.7	21.9	20.2	25.2	19.7	22.7	26.5	21.6	17.0	23.9
low tuition	31.7	32.4	32.4	13.5	5.5	3.7	1.6	8.9	5.0	3.0	8.2	6.0	7.1	7.3
advice of guidance counselor	6.5	7.4	5.8	7.1	7.4	7.6	7.5	6.3	5.3	5.3	8.9	7.0	6.6	6.8
wanted to live near home	24.0	22.1	12.9	13.3	15.6	11.2	5.6	15.5	12.5	8.8	18.6	19.6	17.4	13.7
friend suggested attending	9.5	8.3	6.2	9.9	6.9	6.5	4.8	11.1	8.0	6.5	9.2	8.2	7.6	8.5
recruited by college rep	3.9	2.9	2.8	6.7	5.6	4.8	3.2	10.5	9.7	5.9	8.9	6.6	4.0	7.2
recruited by athletic department	5.0	5.6	6.7	6.8	6.7	6.9	6.3	11.6	10.8	7.7	9.6	8.7	4.6	8.4
graduates go to top grad schools	15.1	20.2	31.6	24.5	26.7	32.8	42.0	23.0	33.7	43.7	20.6	26.9	35.2	29.2
graduates get good jobs	34.0	42.4	57.1	51.0	51.9	47.4	45.4	39.5	50.0	52.8	42.7	49.8	55.1	47.4
not offered aid by first choice	6.6	5.3	5.7	4.8	5.0	4.5	3.1	6.5	5.9	4.6	6.2	5.8	6.0	5.3
religious affiliation of college	2.2	1.1	1.7	15.6	5.6	6.9	1.1	25.3	14.7	7.0	11.4	10.2	12.3	13.5
size of college	36.4	33.0	31.1	41.1	45.7	50.0	53.1	53.0	55.0	57.5	57.3	53.8	51.5	50.7
Residence Preferred During Fall Term														
with parents or relatives	13.5	12.8	9.6	11.9	9.5	8.1	4.0	12.2	7.2	5.2	14.8	14.7	9.6	10.0
other private home,apt,room	41.0	33.7	28.1	35.7	26.5	20.4	12.3	33.0	24.7	19.7	33.8	25.7	16.5	26.8
college dormitory	30.4	36.2	46.9	37.2	45.8	56.2	73.4	41.4	51.9	60.9	37.3	45.1	59.1	48.7
fraternity or sorority house	5.9	6.6	9.2	5.7	5.6	7.5	4.3	5.3	9.3	9.0	4.6	5.8	3.9	6.0
other campus housing	6.4	8.9	4.1	7.1	10.6	6.1	4.9	6.1	4.9	3.8	7.3	6.8	9.7	6.6
other	2.9	1.9	2.0	2.4	2.0	1.8	1.1	2.1	2.0	1.3	2.2	1.8	1.1	1.9
Residence Planned During Fall Term														
with parents or relatives	28.3	25.7	8.4	12.9	11.1	8.0	2.0	13.3	5.6	3.4	20.6	21.0	16.4	11.4
other private home,apt,room	7.0	1.7	2.4	5.8	1.2	0.8	0.3	2.8	0.8	0.6	2.7	1.3	2.4	2.3
college dormitory	60.8	69.1	85.9	77.1	86.4	89.3	95.8	81.5	92.0	94.8	75.1	76.4	80.0	84.1
fraternity or sorority house	0.3	0.2	2.0	0.3	0.4	0.8	0.3	0.3	0.7	0.5	0.2	0.1	0.1	0.4
other campus housing	3.0	3.0	1.0	3.4	0.8	0.9	1.5	1.8	0.7	0.6	0.9	1.0	0.9	1.6
other	0.7	0.3	0.3	0.5	0.2	0.1	0.1	0.3	0.2	0.0	0.4	0.2	0.2	0.3

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

SOURCES FOR EDUCATIONAL EXPENSES	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Received Any Aid From														
parents or family	79.8	82.0	74.0	83.8	88.3	89.4	92.7	82.4	88.6	91.4	83.6	85.3	89.3	86.4
spouse	1.2	0.6	0.4	0.9	0.9	0.6	0.4	1.1	0.7	0.4	1.1	0.6	0.5	0.8
savings from summer work	49.7	61.9	49.7	51.2	61.3	61.5	63.7	48.2	62.6	64.2	53.0	60.8	68.3	56.9
other savings	24.3	33.0	26.2	26.9	31.5	31.6	34.8	24.0	34.4	34.7	26.7	31.8	34.8	29.6
part-time job on campus	17.7	19.8	14.6	27.5	34.6	31.0	34.3	29.0	34.2	32.7	30.0	33.2	27.5	30.7
other part-time job while at col	25.4	25.4	14.4	19.6	18.3	14.2	8.6	17.7	17.7	11.8	20.9	24.1	20.5	17.4
full-time job while at college	3.0	2.1	1.0	1.8	1.5	1.8	0.4	2.0	0.6	0.5	1.9	1.3	0.9	1.4
Pell Grant	25.0	15.1	9.8	28.4	20.9	17.9	11.8	32.8	24.3	17.7	26.9	25.2	17.5	24.4
Supp Educational Oppty Grant	5.5	5.0	3.2	9.7	6.8	7.6	5.6	11.2	10.5	8.5	9.4	9.9	6.6	9.1
state scholarship or grant	14.3	13.9	18.1	17.7	22.4	16.8	12.0	26.6	26.4	18.2	19.6	23.2	20.8	20.9
College Work-Study Grant	8.4	5.7	3.9	15.5	19.1	18.7	18.4	20.9	21.7	22.4	23.4	21.6	17.9	19.5
other college grant	21.4	17.8	14.9	28.5	39.4	35.2	34.4	41.9	51.4	47.3	35.8	39.7	38.2	38.4
other private grant	7.2	7.6	11.5	11.7	13.7	13.3	16.6	15.9	18.9	17.2	11.6	11.7	12.4	14.4
other govt aid (ROTC,BIA,GI,etc)	2.3	1.8	13.5	4.5	2.0	1.1	1.0	2.2	1.7	1.1	1.6	2.1	1.0	2.2
Federal Guaranteed Student Loan	20.1	16.5	10.3	29.9	30.6	29.0	26.4	32.8	32.0	28.9	33.3	33.0	31.2	30.8
National Direct Student Loan	1.9	2.0	1.5	3.3	4.0	3.9	2.9	3.7	3.2	4.2	3.2	4.1	3.1	3.6
other college loan	6.0	5.7	4.3	11.5	12.5	10.0	11.5	10.9	13.4	12.3	11.4	12.3	10.5	11.5
other loan	5.9	5.4	3.8	8.5	8.8	7.6	7.5	8.6	9.3	7.5	7.7	8.4	8.1	8.3
other	2.6	2.7	12.9	3.5	3.5	2.8	2.6	3.9	3.4	3.3	3.9	3.4	2.7	3.4
Received $1,500 or More From														
parents or family	46.2	55.1	53.5	59.1	73.6	76.5	84.5	53.8	70.2	78.0	65.7	66.1	76.7	66.9
spouse	0.2	0.2	0.1	0.3	0.4	0.3	0.2	0.3	0.3	0.1	0.5	0.3	0.2	0.3
savings from summer work	3.8	8.0	6.7	6.1	10.3	11.3	11.9	4.6	10.3	9.7	6.9	9.8	14.3	8.5
other savings	3.3	5.7	5.0	5.9	7.4	8.3	10.4	4.1	8.3	9.1	4.9	7.1	8.3	6.8
part-time job on campus	0.4	0.5	0.5	1.4	2.3	0.9	1.7	1.3	1.0	0.8	0.8	2.3	3.0	1.5
other part-time job while at col	1.0	0.9	0.9	1.3	1.5	1.0	0.6	0.9	1.0	0.6	1.1	1.6	1.6	1.1
full-time job while at college	0.6	0.4	0.4	0.5	0.5	1.3	0.1	0.4	0.2	0.1	0.4	0.5	0.4	0.5
Pell Grant	6.8	3.8	2.5	8.8	7.4	6.4	5.3	12.1	7.8	6.9	7.9	8.7	5.9	8.5
Supp Educational Oppty Grant	0.7	0.6	0.4	2.1	1.8	2.1	2.5	2.2	2.8	2.8	2.5	2.8	1.7	2.3
state scholarship or grant	2.8	3.6	3.9	4.7	6.9	6.0	4.2	8.6	8.6	7.8	5.4	9.4	7.3	6.9
College Work-Study Grant	0.5	0.3	0.5	1.8	2.2	1.4	1.9	1.8	1.1	1.5	0.9	2.6	3.6	1.8
other college grant	5.9	5.1	5.7	13.6	29.0	26.5	29.8	22.7	31.8	35.6	20.1	23.7	26.3	24.2
other private grant	1.3	1.3	2.7	2.9	3.9	3.9	6.9	4.0	5.3	6.2	3.2	3.2	3.8	4.1
other govt aid (ROTC,BIA,GI,etc)	1.0	1.0	13.1	3.2	1.2	0.7	0.8	0.8	0.6	0.7	0.7	1.2	0.6	1.2
Federal Guaranteed Student Loan	10.6	7.8	5.2	19.7	20.9	20.4	19.3	21.0	19.9	19.6	21.8	21.5	21.7	20.5
National Direct Student Loan	0.7	0.5	0.3	1.4	1.6	1.6	1.8	1.5	1.2	1.4	1.4	1.8	1.5	1.5
other college loan	2.5	2.2	1.8	6.2	7.2	5.2	7.4	5.2	5.9	6.5	5.1	6.3	5.4	5.9
other loan	2.9	2.4	2.3	5.3	5.6	4.9	5.8	4.8	5.1	4.8	4.2	5.1	5.3	5.1
other	0.8	0.9	11.4	1.8	1.8	1.6	1.6	1.8	1.5	1.7	1.6	1.7	1.4	1.7
Concern about Financing College														
no concern	34.2	35.0	49.6	32.4	34.3	37.9	38.9	31.4	33.8	35.1	33.3	32.1	32.1	33.7
some concern	51.5	52.5	42.2	51.5	50.8	48.9	49.4	52.8	52.4	52.5	51.5	52.2	53.7	51.6
major concern	14.3	12.5	8.2	16.1	14.9	13.2	11.7	15.8	13.8	12.4	15.3	15.7	14.2	14.7

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Students Estimate Chances Are Very Good That They Will														
change major field	13.0	14.4	16.2	11.3	12.2	16.0	24.2	11.5	15.8	18.3	12.4	14.8	17.8	14.4
change career choice	11.2	13.0	14.6	9.1	11.0	16.3	27.2	10.7	15.2	19.8	10.4	13.8	17.7	13.9
fail one or more courses	1.7	1.2	1.3	1.4	1.0	1.1	1.5	1.4	1.2	0.7	1.2	1.2	1.0	1.2
graduate with honors	12.6	11.9	14.7	15.2	13.6	15.5	16.1	16.0	14.5	17.0	10.8	13.2	15.3	15.0
be elected to student office	3.4	3.2	3.8	4.8	4.3	4.3	3.5	5.4	4.1	5.0	4.1	4.6	4.1	4.6
get job to pay expenses	33.9	37.9	30.2	32.8	37.4	36.4	38.3	32.0	36.6	37.5	31.9	40.5	38.5	35.2
work full-time while attending	5.2	3.8	3.1	2.9	2.5	2.7	0.9	3.2	1.7	1.3	3.7	2.8	1.9	2.5
join social frat or sorority	19.4	14.7	24.1	21.0	19.7	22.9	21.1	23.5	24.2	27.7	17.2	20.1	20.9	22.1
play varsity athletics	13.7	15.6	19.8	18.2	20.4	25.3	28.6	23.5	24.1	25.5	20.9	21.9	21.2	22.7
be elected to an honor society	8.1	6.6	10.3	9.6	9.3	10.0	10.5	11.0	10.8	13.4	7.4	8.8	9.7	10.2
make at least "B" average	36.8	42.9	45.2	42.8	44.0	49.2	49.9	40.2	44.6	51.7	36.5	47.2	49.3	44.6
need extra time for degree	8.2	8.7	9.0	7.4	5.7	4.9	3.3	7.7	6.7	4.4	6.6	7.8	5.3	6.3
get tutoring in some courses	15.0	12.8	12.1	15.7	10.1	9.7	7.8	14.1	10.6	9.3	17.6	13.8	10.6	12.5
work at outside job	22.5	22.1	13.1	17.0	15.2	13.6	9.8	15.0	15.7	11.5	18.6	20.5	19.0	15.4
seek vocational counseling	3.7	4.9	4.5	4.4	4.0	5.6	9.7	4.4	5.8	7.2	4.3	5.3	6.5	5.4
seek individual counseling	3.7	3.3	3.7	4.0	3.4	3.9	4.2	4.6	3.4	3.7	5.0	4.4	3.7	4.1
get bachelor's degree	70.6	77.1	84.0	76.1	76.5	80.4	85.3	70.8	74.6	83.3	70.8	75.9	78.8	76.3
participate in student protests	6.1	6.3	5.8	8.3	7.2	11.6	18.5	7.3	7.6	9.1	7.4	7.7	7.0	9.0
drop out temporarily	1.3	0.8	1.1	1.0	0.6	1.2	1.2	1.5	1.1	0.7	1.8	1.0	0.8	1.1
drop out permanently	0.9	0.8	0.9	0.8	0.8	0.6	0.4	1.4	0.8	0.4	1.7	0.8	0.5	0.9
transfer to another college	15.7	11.3	7.4	9.3	6.6	6.5	3.5	13.1	8.2	5.8	11.5	7.9	4.5	8.6
be satisfied with college	42.7	46.6	58.3	53.6	53.9	57.5	67.4	51.9	54.9	64.0	46.5	53.2	62.3	55.6
find job in own field	69.5	71.3	74.7	72.7	71.3	64.2	56.0	69.8	66.9	66.6	68.7	68.4	68.9	68.1
marry while in college	7.3	4.9	2.9	5.6	3.8	3.0	1.5	7.4	5.1	2.8	5.1	4.0	2.1	4.7
buy computer in next 12 months	9.8	11.6	31.0	11.7	14.9	16.4	28.7	10.1	10.9	14.9	10.6	11.6	13.9	13.6
Objectives Considered to Be Essential or Very Important														
achieve in a in performing art	11.5	10.9	8.5	13.2	11.9	15.5	15.8	14.8	13.1	14.6	11.8	12.6	9.1	13.6
become authority in my field	68.3	66.3	66.2	67.8	65.6	64.2	64.3	66.1	65.0	67.6	63.8	66.9	63.5	65.8
obtain recog from colleagues	56.8	56.0	53.2	56.9	57.7	54.6	53.4	53.3	54.6	54.8	57.5	59.5	55.4	55.4
influence political structure	20.4	18.4	21.5	22.1	20.7	24.4	28.6	22.2	23.5	24.2	22.3	23.5	23.3	23.2
influence social values	44.2	41.3	38.9	45.6	42.9	45.9	45.3	51.1	47.4	45.9	48.7	46.7	44.4	47.0
raise a family	68.2	68.2	71.5	69.9	70.9	69.9	68.5	72.6	72.9	71.2	69.3	73.1	75.9	71.3
have admin responsibility	45.7	44.4	43.5	45.3	42.8	37.7	30.1	44.4	41.9	37.0	44.4	45.9	44.1	42.0
be very well off financially	78.3	75.8	69.4	74.3	73.7	66.0	56.7	68.4	64.4	64.5	73.6	74.6	72.8	69.1
help others in difficulty	63.3	58.3	58.0	62.2	59.6	61.3	61.5	68.8	63.1	63.3	68.7	64.6	62.5	64.1
theoretical contrib to science	16.3	13.4	20.7	19.5	16.4	15.3	18.9	17.3	15.5	17.4	15.1	14.3	14.8	16.9
write original works	12.2	13.0	11.5	13.1	14.3	17.8	22.8	15.6	15.1	17.7	14.2	14.9	12.3	15.6
create artistic work	11.5	11.5	10.3	15.0	14.8	18.2	15.2	13.4	12.8	12.9	15.4	13.9	8.6	14.2
be successful in own business	47.6	42.5	34.8	46.2	46.4	41.9	31.6	45.2	39.6	36.4	46.5	47.1	42.5	43.0
be involved in environ clean-up	25.7	22.8	27.3	26.4	27.3	32.4	39.6	27.2	27.2	32.9	25.6	27.0	25.5	28.8
develop philosophy of life	41.6	37.9	42.0	43.7	40.4	49.1	57.9	46.8	44.4	51.6	40.5	44.8	43.4	46.3
participate in community action	25.4	20.5	21.8	27.3	23.9	27.1	31.9	32.0	26.6	29.6	28.9	25.7	25.4	28.4
promote racial understanding	38.5	32.2	36.6	42.5	35.3	43.1	52.5	43.5	36.8	42.5	38.4	39.2	36.6	41.8
keep up to date with politics	38.2	38.1	49.0	40.4	42.2	50.8	62.4	39.9	46.2	53.0	39.0	44.3	47.9	45.2

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1989

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Political Views														
far left	2.3	1.7	1.1	2.2	1.5	2.3	2.9	2.1	1.3	1.7	1.8	1.5	1.1	1.9
liberal	21.0	21.4	20.2	21.2	23.2	27.1	39.7	19.6	22.2	27.6	22.0	23.4	19.9	23.7
middle of the road	55.7	54.9	49.6	51.2	51.6	44.8	37.4	49.2	47.2	44.1	55.8	52.0	52.3	48.6
conservative	19.4	20.6	27.3	23.6	22.3	24.3	18.8	27.3	27.6	25.1	19.0	21.3	25.0	24.1
far right	1.6	1.4	1.8	1.8	1.4	1.6	1.3	1.7	1.8	1.4	1.3	1.7	1.7	1.6
Agrees Strongly or Somewhat														
govt not protecting consumer	70.4	68.3	60.6	70.8	68.1	66.2	65.0	70.5	66.5	63.9	71.6	66.3	67.0	68.3
govt not promoting disarmament	68.4	69.4	60.8	67.2	70.4	71.9	77.6	68.3	68.8	72.2	71.8	73.0	71.0	70.4
govt not controlling pollution	85.4	87.6	87.7	85.2	87.5	89.4	93.2	85.6	87.7	90.8	85.1	87.2	87.9	87.4
raise taxes to reduce deficit	24.3	29.4	34.0	26.6	29.8	34.1	44.8	26.8	34.4	36.5	27.2	29.6	28.5	30.8
too much concern for criminals	68.7	69.6	73.2	69.5	69.3	65.7	55.7	69.3	68.0	65.0	66.3	67.3	67.8	67.1
increase fed military spending	26.9	22.4	31.3	28.5	21.2	18.1	10.9	26.6	21.8	16.8	23.3	18.6	17.0	22.0
abortion should be legalized	64.6	64.2	66.2	59.7	68.0	69.1	81.7	51.2	56.9	70.4	56.5	56.3	51.5	60.8
abolish death penalty	20.1	20.6	20.1	21.1	21.5	25.9	35.9	22.4	22.7	24.9	25.9	27.0	27.2	24.5
sex OK if people like each other	47.0	50.8	48.4	44.4	50.5	53.5	58.9	33.6	42.0	45.3	47.1	45.0	42.6	44.5
married women best in home	27.3	23.9	22.1	28.9	24.5	21.9	14.8	29.5	23.6	18.0	26.8	25.9	22.0	24.9
live together before marriage	48.8	50.7	46.6	45.3	51.8	54.1	60.8	34.2	39.4	44.1	47.5	46.5	42.3	44.9
marijuana should be legalized	15.2	15.7	13.6	14.8	17.5	22.1	25.3	13.2	16.3	17.1	17.9	15.7	13.9	16.7
busing OK to achieve balance	54.8	55.2	50.2	56.8	54.2	57.2	61.4	56.8	53.9	55.4	58.8	56.5	52.3	56.5
prohibit homosexual relations	49.7	43.7	43.1	52.8	37.7	34.2	17.5	54.4	45.6	33.0	42.1	39.2	36.9	42.8
no endow investment in S Africa	46.2	48.7	55.2	49.1	51.2	59.0	71.5	48.5	51.4	59.8	44.7	51.3	56.9	53.3
college increases earning power	75.5	72.4	65.3	71.4	66.9	55.4	40.0	68.6	60.6	53.9	67.0	65.7	62.0	63.0
employers can require drug tests	80.2	78.5	79.9	79.7	75.6	72.7	66.1	83.0	79.8	76.7	74.8	76.2	76.1	77.4
control AIDS by mandatory tests	68.9	68.9	63.6	67.4	64.3	58.4	46.3	67.5	63.4	57.2	67.6	65.8	62.6	63.2
man not entitled to sex on date	86.7	87.8	89.1	86.5	87.4	88.0	91.2	87.4	87.5	90.3	85.6	87.6	88.3	87.8
only volunteers in Armed Service	51.9	53.2	49.1	51.4	49.6	53.0	58.5	50.5	48.9	52.2	50.5	50.3	49.9	51.4
fed govt control handguns more	77.5	80.4	76.7	78.1	82.1	83.0	87.1	79.4	80.3	83.2	81.5	83.3	83.9	81.3
national health care plan needed	76.3	76.7	68.4	77.1	75.8	74.6	74.0	74.6	70.1	69.7	78.7	79.0	77.3	75.1
Permission to Use Student I.D.														
yes	82.3	80.0	81.7	82.0	80.3	75.3	78.3	79.3	76.3	81.8	70.1	73.5	76.6	78.2
no	17.7	20.0	18.3	18.0	19.7	24.7	21.7	20.7	23.7	18.2	29.9	26.5	23.4	21.8

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1989 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

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Appendix A

Research Methodology

APPENDIX A

RESEARCH METHODOLOGY

1989 CIRP FRESHMAN SURVEY

The freshman survey data reported here have been weighted to provide a normative picture of the American college freshman population for persons engaged in policy analysis, human resource planning, campus administration, educational research, guidance and counseling, as well as for the general community of students and parents. The survey instrument, the Student Information Form (SIF), is revised annually to reflect the changing concerns of the academic community and of others who use the information. SIF data also provide initial input information for longitudinal research. Follow-up surveys of individual students in each entering class are conducted at various intervals after the initial survey. In recent years, longitudinal follow-ups of CIRP students have been used in major studies of dropouts (Astin, 1975), campus protests (Astin, Astin, Bayer, & Bisconti, 1975), education and work (Bisconti and Solmon, 1976), campus change (Astin, 1976), student development (Astin, 1977), minorities (Astin, 1982), and educational policy (Astin, 1985). (For the most recent follow-up report, see Astin *et. al.*, 1987.)

From 1966 to 1970, approximately 15 percent of the nation's institutions of higher education were selected by sampling procedures and invited to participate in the program. As the academic community became aware of the value of program participation, additional institutions asked to participate. Beginning in 1971, all institutions that have entering freshman classes and that respond to the U. S. Department of Education's (DOE) Higher Education General Information Survey were invited to participate. A minimum charge plus a unit rate based on the number of forms processed helps to defray the direct costs of the survey. In Fall 1974 and 1975, samples of proprietary institutions also participated in the survey.

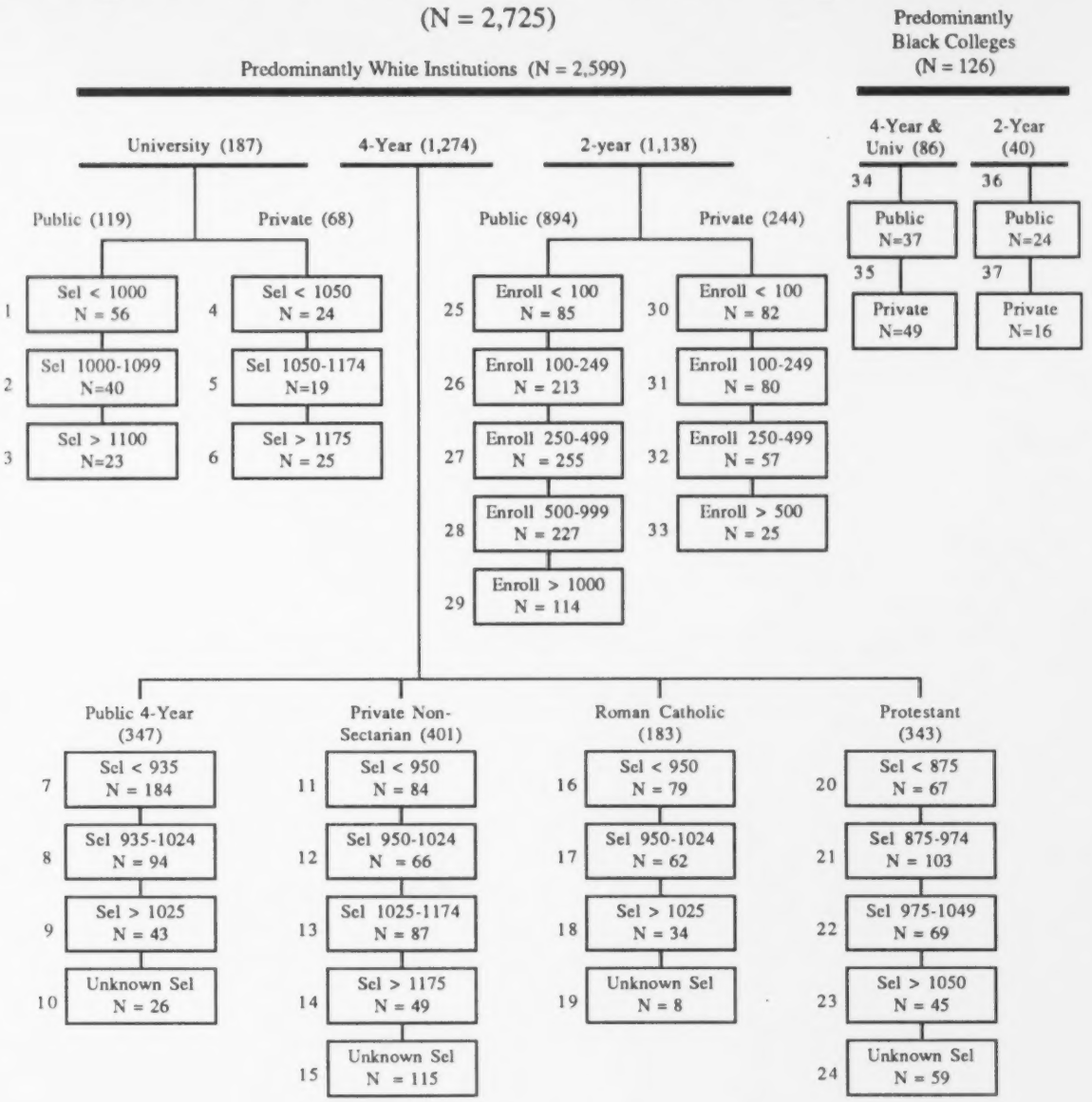
The normative data are reported separately for women and men, and for 37 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), type (two-year college, four-year college, university), control (public, private-nonsectarian, Roman Catholic, and Protestant), and the "selectivity level" of the institution. Selectivity, which is an estimate of the average academic ability of the entering class, was made an integral part of the CIRP stratification design (Figure A-1) in 1968 because of its substantial correlation with most measures of institutional "quality" (Astin, 1962). Since 1975, a revised and updated selectivity measure has been used (Astin & Henson, 1977). Stratification cell assignment is based chiefly on data supplied by institutions to various educational directories and college guides. Changes in stratification cell assignments do occur; requests for review are honored each year. Appendix D lists the current stratification cell assignment of all institutions that have participated in the CIRP freshman survey since 1966.

The 1989 Data

Although 295,966 entering freshmen at 587 colleges and universities returned their forms in time for data to be included in the 1989 norms, the normative data presented here are based on responses from 216,362 freshmen entering 403 two- and four-year institutions.

The national norms are based only on data from institutions where the coverage of entering freshmen was judged to be representative. This judgment is based on the percentage of first-time, full-time freshmen who completed the 1989 SIF and on the procedures used to administer the forms. Four-

Figure A-1: 1989 Data Bank Population



Selectivity (SEL), used to define strata for four-year colleges and universities, is an estimate of the mean score of entering freshmen on the Verbal plus Mathematical portions of the Scholastic Aptitude Test (or the converted SAT math and verbal equivalents from the American College Test composite). The method of estimation is described in the detail in Astin and Henson (1977) and in Appendix A of the current report. ***Enrollment (ENROLL)***, used to define strata for two-year colleges, is based on the total number of first-time, full-time entrants. The stratification design presented here is used to group schools to develop population weights and should not be used as measure of institutional or program quality.

year colleges are included in the national norms if over 85 percent of their first-time, full-time freshmen completed the SIF; universities must have over 75 percent participation, while two-year colleges must have 50 percent.[1]

The normative data presented here were collected by administering the 1989 SIF during registration, freshman orientation, or the first few weeks of classes. The SIF is designed to elicit a wide range of biographic and demographic data, as well as data on the student's high school background, career plans, educational aspirations, financial arrangements, high school activities, and current attitudes. Those data meeting minimal quality requirements for inclusion in the 1989 norms were differentially weighted to represent the population of entering freshmen at all higher educational institutions in the United States.[2]

Part-time students and those who are not first-time college students (i.e., transfers and former enrollees) were excluded from the normative sample. Since the 1972 survey, special care has been taken to define these enrollment statuses; in surveys before 1972, the participating institutions were asked to exclude part-time students, while non-first-time students were excluded during the data processing stage by screening out those who indicated that they had previously attended college. Since that time, all students who did not identify themselves as part-time were included in the national norms if they either graduated from high school in the year of the survey or had never attended any postsecondary institution.

Institutional Stratification Design

The stratification design for the 1989 survey is identical to that used in 1988 (see Figure A-1). The rationale for this particular design is provided in the 1971 and 1979 normative reports.

The population included all eligible institutions of higher education listed in the annual Department of Education *Education Directory* (1987). An institution was considered eligible if it was operating at the time of the survey and if it had a freshman class of at least 25 students. Thus, institutions requiring undergraduate credits for admission to their first class (e.g., some professional schools) and a few very small institutions were excluded. In addition, some institutions or their branches were included even though separate 1987 enrollments were not available from DOE, because they were part of prior universes in these surveys and were known to be functioning with first-time, full-time entering freshmen. With these exceptions, the defined population comprised all accredited and nonaccredited institutions listed by DOE, whether university, four-year college, or two-year college. For the 1989 survey, the population of institutions numbered 2,725.

Typically, institutions make budgetary decisions and plan their orientation and registration programs early in the year. Since these matters affect participation in the freshman survey, institutions must be invited to participate several months before information is available to define the final survey population. A total of 2,725 institutions were invited to participate in the 1989 survey. A total of 599 (22.0 percent) of the institutions accepted the invitation to participate. Of the 585 institutions participating in the 1988 freshman survey, 494 (84.4 percent) opted to participate again in 1989.

Because of administrative and logistic problems, 12 institutions that accepted the invitation to participate in the 1989 survey were unable to return their completed freshman survey forms in time for their data to be included in the national norms. Thus, data were obtained from 587 (98.0 percent) of the institutions that had agreed to participate in the 1989 survey. Appendix D lists all institutions that have participated in the CIRP in any year since its inception in 1966. Appendix D also provides information about current stratification cell assignment, the number of years an institution has participated in the CIRP freshman survey, and its norm status (norms data or not norms data) in all surveys.

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[1] Each participating institution received a complete tabulation of its data, but those with an unrepresentative sampling were informed that comparisons between their institutional data and the national norms should be made with caution.

[2] A distinction should be made between higher education and postsecondary education. The normative data exclude students attending most proprietary, special vocational, or semiprofessional institutions; they include those attending two-year colleges and terminal occupational programs.

Weighting Procedures

The data obtained from students were differentially weighted because of disproportionate sampling of institutions within each stratification cell and because not all students at each college completed the SIF. Table A-1 shows the number of participating institutions in each stratification cell and the cell weights applied to each institution's data in computing the national norms. The cell weights in the last two columns are the ratios between the number of first-time, full-time freshmen in the eligible population within a given cell and the total number of freshmen entering sample institutions in that cell, computed separately for each sex. Since population data for Fall 1989 enrollments were not available at the time of the 1989 survey, these weights were derived from the Department of Education's Integrated Postsecondary Education Data System (IPEDS) Fall 1987 enrollment data. In effect, this procedure assumes that the sample institutions within a cell account for the same proportion of students in that cell in 1987 as in Fall 1989.

These cell weights were further adjusted within each institution, by sex, according to the proportion of the institution's 1989 first-time, full-time freshmen who completed the SIF. These total counts of 1989 freshmen are obtained directly from each participating institution at the time of the freshman survey. Typically, this second weight was between 1.0 and 2.0; in the case of an institution that administered the form to its entire freshman class, the weight was exactly 1.0. The final weight applied to the data from each student was the product of this within-institution participation weight and the appropriate cell weight shown in Table A-1.[3]

These weighting procedures generated summary data representative of all first-time, full-time students entering institutions of higher education in the fall of 1989. Note that the SIF was completed by entering freshmen; consequently the data reflect student responses prior to any substantial experience with college life.

The Student Information Form

The SIF is designed to serve two functions: first, to obtain student input data for longitudinal research; and second, to obtain standard descriptive and normative data for general information about the freshman population at American colleges. The questionnaire includes standard biographic and demographic items that have been administered annually to each entering class, as well as research-oriented items that may have been modified from previous years (e.g., see the list of attitudinal questions listed under item #32, Appendix B). The inclusion of modified items permits a more thorough coverage of student characteristics but also represents a compromise between two mutually exclusive objectives: (1) comparability of information from year to year which is required for assessing trends; and (2) flexibility in item content to meet changing information and research needs. Table A-2 lists the 1989 SIF items and indicates previous survey years in which comparable items have been used.

The SIF, reproduced in Appendix B, has been developed in collaboration with students, professional associations, participating institutions, government agencies, educational researchers, administrators, policy makers, and members of the CIRP Advisory Committee. It is designed for self-administration under proctored conditions and for processing onto magnetic tape with a mark reflex reader. The SIF content is reviewed annually by the CIRP project staff, with the assistance of the CIRP Advisory Committee as well as others interested in the annual freshman survey program.

Four tape files are developed from the SIF each year: (1) an institutional summary file containing institutional identification numbers and an institutional summary of the responses for men and women; (2) a file containing individual responses and a student identification number, but no names and addresses; (3) a name-and-address file containing a second, independent student identification number; and (4) a

[3]The cell weight in Table A-1 is a sex-specific constant for each sample institution in a given cell, whereas the within-institution weight is a sex-specific constant for a given institution but varies from one institution to another, depending on how adequately the institution "covered" its entering class.

Table A-1

Institutional Sample and Population Weights Used to Compute the 1989 National Freshman Norms

Stratification Cell for Sampling (2)	Number of Institutions: Population	Participants: Total	Participants: Used in Norms	Cell Weights (1) Applied to Data Collected From: Men	Women
Public Universities					
1. less than 1,000	56	12	8	5.28	5.44
2. 1,000 - 1,099	40	13	9	5.24	5.30
3. 1,100 or more	23	12	9	2.89	2.69
Private Universities					
4. less than 1,050	24	14	7	3.77	3.44
5. 1,050 - 1,174	19	13	12	1.85	2.05
6. 1,175 or more	25	14	11	2.18	2.26
Public Four-Year Colleges					
7,10. less than 935 or unknown	210	30	17	16.25	15.90
8. 935 - 1,024	94	24	11	10.21	9.32
9. 1,025 or more	43	16	12	3.24	4.61
Private Nonsectarian Four-Year Colleges					
11,15. less than 950 or unknown	199	34	21	6.22	6.68
12. 950 - 1,024	66	26	17	2.40	2.77
13. 1,025 - 1,174	87	50	37	2.73	2.02
14. 1,175 or more	49	41	31	1.39	1.72
Catholic Four-Year Colleges					
16,19. less than 950 or unknown	87	26	14	4.97	5.50
17. 950 - 1,024	62	31	20	3.88	2.94
18. 1,025 or more	34	19	13	2.00	2.36
Protestant Four-Year Colleges					
20,24. less than 875 or unknown	126	18	9	13.06	11.92
21. 875 - 974	103	35	25	4.10	3.95
22. 975 - 1,049	69	30	24	2.70	2.63
23. 1,050 or more	45	30	23	1.98	1.96
Public Two-Year Colleges					
25,26. less than 249	298	14	11	20.56	33.29
27. 250 - 499	255	14	12	18.16	27.65
28. 500 - 999	227	13	7	30.97	33.57
29. 1,000 or more	114	6	4	26.75	35.55
Private Two-Year Colleges					
30. less than 100 (3)	82	6	5	9.74	7.14
31. 100 - 249	80	11	10	7.16	9.02
32,33. 250 or more	82	8	7	11.17	19.29
Predominantly Black Colleges					
34,36. public 4-year and 2-year	61	11	5	12.37	12.88
35,37. private 4-year and 2-year	65	16	12	5.16	3.30

(1) Ratio between the number of 1989 first-time, full-time students enrolled in all colleges and the number of first-time, full-time students enrolled at colleges in the 1989 CIRP sample.

(2) Categories within 4-year college and university types are based on selectivity, while categories within 2-year college types are based on freshman enrollment.

Table A-2

Uses of 1989 Student Information Form Items on Previous CIRP Freshman Surveys[a]

Item No.	Item Number	1989	'88	'87	'86	'85	'84	'83	'82	'81	'80	'79	'78	'77	'76	'75	'74	'73	'72	'71	'70	'69	'68	'67	'66
1	Sex	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Age	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Twin status	X	X	X	X	X	X	X	X	X	-	-	-	X	-	-	-	-	-	-	-	-	X	X	X
4	Year graduated from high school	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
5	Enrollment status	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-
6	Miles from home to college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	-	-	-
7	Scores on the SAT and/or ACT	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
8	High School honors or advanced placement courses	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	High school grade average	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	High school subjects	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Prior enrollment at this college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-
12	Transfer status	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-
13	Degree aspirations	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	Residence during fall term	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
15	Rank of college choice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-
16	Admissions data	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	X	X	-	-	X	X	X	-
17	Acceptance data	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	X	X	-	-	X	X	X	-
18	English native language	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Sources of financial support for college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	U.S. citizen	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	X	X	-	-	-

Item No.	Item Number	1989	'88	'87	'86	'85	'84	'83	'82	'81	'80	'79	'78	'77	'76	'75	'74	'73	'72	'71	'70	'69	'68	'67	'66
22	Racial composition of high school and neighborhood	-	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Parents' marital status	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-
23b	Siblings	-	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-
24	Activities in past year	X	X	X	X	X	X	X	X	X	-	X	X	-	-	-	-	-	X	X	X	X	X	X	X
25	Self-rating of abilities	X	X	X	X	X	-	X	-	-	X	-	-	-	X	-	X	-	-	X	-	-	-	-	X
26	Reasons for attending college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	X	-	-	-	-	-
27	Concern about finances	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	Political views	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
29	Parental/family income	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	Parental education	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	Student's career choice & parental occupation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X*
32	Attitudes on political and social issues including AIDS, drug testing and date rape	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Time diary last year	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Religious preference of student and parents	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	Born-again Christian	X	X	-	-	X	-	-	-	X	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-
36	Reasons for attending	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	X	X	X
37	Disability	-	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-
38	Undergraduate major	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	Values and life goals	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	Chances certain events will occur during college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-

[a]The content of many of the items has varied somewhat over the past 24 years. For the exact content and wording of the item in any given year, check the appropriate Student Information Form.

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"link" file containing *only* the two independent identification numbers. This last file is maintained under an elaborate system developed to ensure strict confidentiality of individual student data and to protect against misuse of the name-and-address file (Astin & Boruch, 1970).

The 1989 National Norms

Table A-3 shows the number of institutions and students on which the 1989 national norms are based; it also gives an estimate, derived through weighting procedures, of the total student population. (These counts are the product of the 1989 enrollments reported to us by the institutions and the cell weights shown in Table A-1.)

The creation of norms groups based on selectivity was accomplished as follows:

Selectivity Level	*Stratification Cells Assigned to Each Level*
low	1, 4, 7, 10, 11, 15, 16, 19, 20, 21, 24
medium	2, 5, 8, 12, 17, 22
high	3, 6, 9, 13, 18, 23
very high	14

New selectivity measures for the population (Astin & Henson, 1977) were used to restratify the CIRP population for the 1975 survey. These estimates are based on data provided in several published college guides and on data reported previously by Astin (1971). Most estimates were originally in the form of mean SAT Verbal (V) plus Mathematical (M) scores of entering freshmen. Mean ACT composite scores were converted into comparable mean SAT V+M scores (see Table 3-1 in Astin, 1971). The current dividing lines between selectivity levels are listed below:

	Universities				*Four-Year Institutions*							
Dividing	Private		Public		Public		Nonsectarian		Catholic		Protestant	
Line	SAT		SAT		SAT		SAT		SAT		SAT	
Between	V+M	ACT	V+M	ACT	V+M	ACT	V+M	ACT	V+M	ACT	V+M	ACT
low-medium	1050	24	1000	22.5	935	21	950	21.5	950	21.5	975	22
medium-high	1175	27	1100	25	1025	23	1025	23	1025	23	1050	24
high-very high	—	—	—	—	—	—	1175	27	—	—	—	—

These new selectivity measures are more recent, more accurate (i.e., most were provided directly by the institutions), and involve less missing data (i.e., fewer with "unknown" selectivity). For details see Astin and Henson (1977). Readers should note that the stratification design and cell assignments are used to group schools to develop population weights and should not be used as measure of institutional or program quality.

The items of normative data appear in the same order in the norms report and in the individual reports furnished to each participating institution. The first 45 pages of the national norms present item data separately for men, women, and all students according to the 15 major categories defined by institutional control and type; the next two sets of 15 pages show norms for universities and four-year colleges, respectively, broken out by selectivity levels.

The different types of institutions can be compared on any given item by examining the percentages in the row following the item. For many items the data differ substantially among categories of institutions, as well as *within* any single category.

Table A-3

Number of Institutions and Students Used in Computing the Weighted National Norms in Fall 1989

Norm Group	Number of Institutions in the 1989 Norms	Number of 1989 Entering Freshmen (1)			
		Unweighted	Weighted		
		Participants	Number	% Men	% Women
All Institutions	403	216,362	1,604,082	46.21	53.79
All Universities	56	90,503	394,361	49.93	50.07
All 4-year Colleges	290	109,954	633,301	45.40	54.60
All 2-year Colleges	57	15,905	576,421	44.56	55.44
All Black Colleges (2)	17	6,673	56,832	40.79	59.21
Public Universities	26	59,021	302,945	49.30	50.70
low select	8	19,748	125,063	48.08	51.92
medium select	9	18,914	113,163	50.20	49.80
high select	9	20,359	64,719	50.09	49.91
Private Universities	30	31,482	91,415	52.04	47.96
low select	7	7,556	31,298	49.38	50.62
medium select	12	12,537	28,762	48.73	51.27
high select	11	11,389	31,355	57.73	42.27
Public 4-year Colleges	44	32,108	362,542	45.20	54.80
low select (3)	21	12,114	209,529	43.63	56.37
medium select	11	10,207	108,720	45.60	54.40
high select	12	9,787	44,294	51.64	48.36
Private 4-year Colleges	246	77,846	270,759	45.66	54.34
Nonsectarian	118	41,369	133,847	47.78	52.22
low select (3)	33	10,002	61,723	48.67	51.33
medium select	17	7,130	21,256	43.16	56.84
high select	37	11,156	28,894	50.34	49.66
very high select	31	13,081	21,974	46.38	53.62
Catholic	47	13,856	48,496	40.06	59.94
low select (3)	14	2,464	14,944	36.18	63.82
medium select	20	5,042	17,780	40.66	59.34
high select	13	6,350	15,772	43.07	56.93
Protestant	81	22,621	88,416	45.53	54.47
low select (3)	34	7,386	49,208	45.40	54.60
medium select	24	7,296	21,806	46.92	53.08
high select	23	7,939	17,401	44.16	55.84
Public 2-year Colleges	35	11,917	514,402	45.28	54.72
Private 2-year Colleges	22	3,988	62,019	38.61	61.39
Public Black Colleges	5	2,409	36,693	41.56	58.44
Private Black Colleges	12	4,264	20,138	39.37	60.63
Eastern Region	161	83,198	769,852	47.11	52.89
Midwestern Region	95	55,102	315,619	46.10	53.90
Southern Region	103	47,875	355,828	44.25	55.75
Western Region	44	30,187	162,784	46.45	53.55

(1) First-time, full-time students
(2) Black Colleges are also included in the appropriate 4-year College or University Norm Group according to their types
(3) Includes those institutions with unknown selectivity

NOTE: The weighted counts may not always sum to identical totals due to rounding error.

It is impractical to report statistical indicators of precision for every categorical percentage in every norms group. However, some idea of the reliability of the reported data is important for comparisions across related item categories, and over time (i.e. with data from earlier norm reports). Appendix E presents some guidelines for judging the precision of the normative estimates and their comparisons.

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Appendix B

The 1989 Student Information Form

PLEASE PRINT (one letter or number per box)

NAME: FIRST | M I | LAST

ADDRESS:

CITY: STATE: ZIP: PHONE: — —

When were you born? Month (01–12) Day (01–31) Year

1989 STUDENT INFORMATION FORM

DIRECTIONS

Your responses will be read by an optical mark reader. Your careful observance of these few simple rules will be most appreciated.

- Use only black lead pencil (No. 2 is ideal)
- Make heavy black marks that fill the oval
- Erase cleanly any answer you wish to change
- Make no stray markings of any kind

EXAMPLE:

Will marks made with ballpoint or felt-tip marker be properly read? Yes ○ No ●

FORM NO.: 525225

PLEASE PROVIDE YOUR SOCIAL SECURITY NO.

Mark here if directed: GRP CODE A | GRP CODE B

Dear Student:

The information in this form is being collected as part of a continuing study of higher education conducted jointly by the American Council on Education and the University of California at Los Angeles. Your voluntary participation in this research is being solicited in order to achieve a better understanding of how students are affected by their college experiences. Detailed information on the goals and design of this research program are furnished in research reports available from the Higher Education Research Institute at UCLA. Identifying information has been requested in order to make subsequent mail follow-up studies possible. Your response will be held in the strictest professional confidence.

PLEASE USE #2 PENCIL

Sincerely,

Alexander W. Astin

Alexander W. Astin, Director
Higher Education Research Institute

1. Your sex: Male ○ Female ○

2. How old will you be on December 31 of this year? (Mark one)

16 or younger ○ 17 ○ 18 ○ 19 ○ 20 ○ 21–24 ○ 25–29 ○ 30–39 ○ 40–54 ○ 55 or older ○

3. Are you a twin? (Mark one)

No ○ Yes, identical ○ Yes, fraternal ○

4. In what year did you graduate from high school? (Mark one)

1989 ○ 1988 ○ 1987 ○ 1986 or earlier ○ Did not graduate but passed G.E.D. test ○ Never completed high school ○

5. Are you enrolled (or enrolling) as a: (Mark one)

Full-time student? ○ Part-time student? ○

6. How many miles is this college from your permanent home? (Mark one)

5 or less ○ 6–10 ○ 11–50 ○ 51–100 ○ 101–500 ○ Over 500 ○

7. What was your average grade in high school? (Mark one)

A or A+ ○ A ○ B+ ○ B ○ B- ○ C+ ○ C ○ D ○

8. What were your scores on the SAT and/or ACT?

SAT VERBAL .....

SAT MATH .....

ACT Composite .....

9. Have you had, or do you feel you will need, any special tutoring or remedial work in any of the following subjects?

(Mark all that apply)	Have Had	Will Need
English	○	○
Reading	○	○
Mathematics	○	○
Social studies	○	○
Science	○	○
Foreign language	○	○

10. Prior to this term, have you ever taken courses for credit at this institution?

Yes ○ No ○

11. Since leaving high school, have you ever taken courses at any other institution?

(Mark all that apply in each column)	For Credit	Not for Credit
No	○	○
Yes, at a junior or comty. college	○	○
Yes, at a 4-yr. college or university	○	○
Yes, at some other postsecondary school (For ex., technical, vocational, business)	○	○

12. Where do you plan to live during the fall term? If you had a choice, where would you prefer to live?

(Mark one in each column)	Plan To Live	Prefer To Live
With parents or relatives	○	○
Other private home, apt. or rm.	○	○
College dormitory	○	○
Fraternity or sorority house	○	○
Other campus student housing	○	○
Other	○	○

13. Is this college your: (Mark one)

First choice? ○ Second choice? ○ Third choice? ○ Less than third choice? ○

14. To how many colleges other than this one did you apply for admission this year?

No other ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 or more ○

Note: If you applied to no other college, skip to item 16.

15. How many other acceptances did you receive this year? (Mark one)

None ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 or more ○

16. What is the highest academic degree that you intend to obtain?

(Mark one in each column)	Highest Planned	Highest Planned at this college
None	○	○
Vocational certificate	○	○
Associate (A.A. or equivalent)	○	○
Bachelor's degree (BA, BS, etc.)	○	○
Master's degree (MA, MS, etc.)	○	○
Ph.D. or Ed.D.	○	○
M.D., D.O., D.D.S., or D.V.M.	○	○
LL.B., or J.D. (Law)	○	○
B.D. or M.DIV. (Divinity)	○	○
Other	○	○

17. Is English your native language?

○ Yes ○ No

18. Are you a U.S. citizen? (Mark one)

○ Yes ○ No ○ Permanent resident (green card)

19. Are your parents: (Mark one)

Both alive and living with each other? ○
Both alive, divorced or separated? ○
One or both deceased? ○

20. Do you have any concern about your ability to finance your college education? (Mark one)

None (I am confident that I will have sufficient funds) ○
Some concern (but I will probably have enough funds) ○
Major concern (not sure I will have enough funds to complete college) ○

21. How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from each of the sources listed below? (Mark one answer for each possible source)

	None	$1 - $499	$500 - $999	$1,000 - $1,499	$1,500 - $1,999	$2,000 - $3,000	Over $3,000
a. My Own or Family Resources							
Parents, other relatives or friends	○	○	○	○	○	○	○
Spouse	○	○	○	○	○	○	○
Savings from summer work	○	○	○	○	○	○	○
Other savings	○	○	○	○	○	○	○
Part-time on campus job	○	○	○	○	○	○	○
Other part-time job while in college	○	○	○	○	○	○	○
Full-time job while in college	○	○	○	○	○	○	○
b. Aid Which Need Not Be Repaid							
Pell Grant	○	○	○	○	○	○	
Supplemental Educational Opportunity Grant	○	○	○	○	○	○	
State Scholarship or Grant	○	○	○	○	○	○	
College Work-Study Grant	○	○	○	○	○	○	
College Grant/Scholarship (other than above)	○	○	○	○	○	○	○
Other private grant	○	○	○	○	○	○	○
Other Government Aid (ROTC, BIA, GI/military benefits, etc.)	○	○	○	○	○	○	○
c. Aid Which Must Be Repaid							
Federal Guaranteed Student Loan	○	○	○	○	○	○	
National Direct Student Loan	○	○	○	○	○	○	
Other College Loan	○	○	○	○	○	○	○
Other Loan	○	○	○	○	○	○	○
d. Other Than Above	○	○	○	○	○	○	○

22. Are you: (Mark all that apply)

- ○ White/Caucasian
- ○ Black/Negro/Afro-American
- ○ American Indian
- ○ Asian-American/Oriental
- ○ Mexican-American/Chicano
- ○ Puerto Rican-American
- ○ Other

23. Current religious preference: (Mark one in each column)

	Your's	Father's	Mother's
Baptist	Y	F	M
Buddhist	Y	F	M
Congregational	Y	F	M
Eastern Orthodox	Y	F	M
Episcopal	Y	F	M
Islamic	Y	F	M
Jewish	Y	F	M
LDS (Mormon)	Y	F	M
Lutheran	Y	F	M
Methodist	Y	F	M
Presbyterian	Y	F	M
Quaker	Y	F	M
Roman Catholic	Y	F	M
Seventh Day Adventist	Y	F	M
Other Protestant	Y	F	M
Other Religion	Y	F	M
None	Y	F	M

24. Do you consider yourself a born-again Christian? ○ Yes ○ No

25. For the activities below, indicate which ones you did during the past year. If you engaged in an activity frequently, mark (F). If you engaged in an activity one or more times, but not frequently, mark (O) (occasionally). Mark (N) (Not at all) if you have not performed the activity during the past year.

(Mark one for each item)	Frequently	Occasionally	Not at all
Used a personal computer	F	O	N
Attended a religious service	F	O	N
Was bored in class	F	O	N
Participated in organized demonstration	F	O	N
Won a varsity letter for sports	F	O	N
Failed to complete a homework assignment on time	F	O	N
Tutored another student	F	O	N
Did extra (unassigned) work reading for a class	F	O	N
Studied with other students	F	O	N
Was a guest in a teacher's home	F	O	N
Smoked cigarettes	F	O	N
Drank beer	F	O	N
Drank wine or liquor	F	O	N
Stayed up all night	F	O	N
Spoke a language other than English at home	F	O	N
Felt overwhelmed by all I had to do	F	O	N
Felt depressed	F	O	N
Argued with a teacher in class	F	O	N
Took sleeping pills	F	O	N
Took a tranquilizing pill	F	O	N
Discussed personal problems with a friend	F	O	N
Studied in the library	F	O	N
Performed volunteer work	F	O	N
Visited an art gallery or museum	F	O	N
Worried about choosing a career	F	O	N

26. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

(Mark one in each row)	Highest 10%	Above Average	Average	Below Average	Lowest 10%
Academic ability	○	○	○	○	○
Artistic ability	○	○	○	○	○
Competitiveness	○	○	○	○	○
Drive to achieve	○	○	○	○	○
Emotional health	○	○	○	○	○
Ability to learn a foreign language	○	○	○	○	○
Leadership ability	○	○	○	○	○
Mathematical ability	○	○	○	○	○
Physical health	○	○	○	○	○
Popularity	○	○	○	○	○
Popularity with the opposite sex	○	○	○	○	○
Public speaking ability	○	○	○	○	○
Self-confidence (intellectual)	○	○	○	○	○
Self-confidence (social)	○	○	○	○	○
Writing ability	○	○	○	○	○

27. What is your best estimate of your parents' total income last year? Consider income from all sources before taxes. (Mark one)

- ○ Less than $6,000
- ○ $6,000-9,999
- ○ $10,000-14,999
- ○ $15,000-19,999
- ○ $20,000-24,999
- ○ $25,000-29,999
- ○ $30,000-34,999
- ○ $35,000-39,999
- ○ $40,000-49,999
- ○ $50,000-59,999
- ○ $60,000-74,999
- ○ $75,000-99,999
- ○ $100,000-149,999
- ○ $150,000 or more

28. What is the highest level of formal education obtained by your parents?

(Mark one in each column)	Father	Mother
Grammar school or less	○	○
Some high school	○	○
High school graduate	○	○
Postsecondary school other than college	○	○
Some college	○	○
College degree	○	○
Some graduate school	○	○
Graduate degree	○	○

29. In general, my parents could be characterized as:

(Mark one in each row)	Strongly Agree	Agree	Disagree	Strongly Disagree
Interested in intellectual pursuits	4	3	2	1
Interested in cultural pursuits	4	3	2	1
Deeply religious	4	3	2	1
Interested in politics	4	3	2	1
Deeply concerned about their children	4	3	2	1
Financially comfortable	4	3	2	1
Having high aspirations for me	4	3	2	1
Difficult to talk with	4	3	2	1

30. In deciding to go to college, how important to you was each of the following reasons?

(Mark one answer for each possible reason)	Very Important	Somewhat Important	Not Important
My parents wanted me to go	V	S	N
I could not find a job	V	S	N
Wanted to get away from home	V	S	N
To be able to get a better job	V	S	N
To gain a general education and appreciation of ideas	V	S	N
To improve my reading and study skills	V	S	N
There was nothing better to do	V	S	N
To make me a more cultured person	V	S	N
To be able to make more money	V	S	N
To learn more about things that interest me	V	S	N
To prepare myself for graduate or professional school	V	S	N

31. Mark only three responses, one in each column.

(M) Your mother's occupation
(F) Your father's occupation
(Y) Your probable career occupation

NOTE: If your father or mother is deceased, please indicate his or her last occupation.

	Y	F	M
Accountant or actuary	Y	F	M
Actor or entertainer	Y	F	M
Architect or urban planner	Y	F	M
Artist	Y	F	M
Business (clerical)	Y	F	M
Business executive (management, administrator)	Y	F	M
Business owner or proprietor	Y	F	M
Business salesperson or buyer	Y	F	M
Clergy (minister, priest)	Y	F	M
Clergy (other religious)	Y	F	M
Clinical psychologist	Y	F	M
College teacher	Y	F	M
Computer programmer or analyst	Y	F	M
Conservationist or forester	Y	F	M
Dentist (including orthodontist)	Y	F	M
Dietitian or home economist	Y	F	M
Engineer	Y	F	M
Farmer or rancher	Y	F	M
Foreign service worker (including diplomat)	Y	F	M
Homemaker (full-time)	Y	F	M
Interior decorator (including designer)	Y	F	M
Interpreter (translator)	Y	F	M
Lab technician or hygienist	Y	F	M
Law enforcement officer	Y	F	M
Lawyer (attorney) or judge	Y	F	M
Military service (career)	Y	F	M
Musician (performer, composer)	Y	F	M
Nurse	Y	F	M
Optometrist	Y	F	M
Pharmacist	Y	F	M
Physician	Y	F	M
School counselor	Y	F	M
School principal or superintendent	Y	F	M
Scientific researcher	Y	F	M
Social, welfare or recreation worker	Y	F	M
Statistician	Y	F	M
Therapist (physical, occupational, speech)	Y	F	M
Teacher or administrator (elementary)	Y	F	M
Teacher or administrator (secondary)	Y	F	M
Veterinarian	Y	F	M
Writer or journalist	Y	F	M
Skilled trades	Y	F	M
Other	Y		
Undecided	Y		
Laborer (unskilled)		F	M
Semi-skilled worker		F	M
Other occupation		F	M
Unemployed		F	M

32. Mark one in each row:

(1) Disagree Strongly
(2) Disagree Somewhat
(3) Agree Somewhat
(4) Agree Strongly

	4	3	2	1
The Federal government is not doing enough to protect the consumer from faulty goods and services	4	3	2	1
The Federal government is not doing enough to promote disarmament	4	3	2	1
The Federal government is not doing enough to control environmental pollution	4	3	2	1
The Federal government should raise taxes to reduce the deficit	4	3	2	1
There is too much concern in the courts for the rights of criminals	4	3	2	1
Federal military spending should be increased	4	3	2	1
Abortion should be legalized	4	3	2	1
The death penalty should be abolished	4	3	2	1
If two people really like each other, it's all right for them to have sex even if they've known each other for only a very short time	4	3	2	1
The activities of married women are best confined to home and family	4	3	2	1
A couple should live together for some time before deciding to get married	4	3	2	1
Marijuana should be legalized	4	3	2	1
Busing is O.K. if it helps to achieve racial balance in the schools	4	3	2	1
It is important to have laws prohibiting homosexual relationships	4	3	2	1
Colleges should not invest funds in companies that do business in South Africa	4	3	2	1
The chief benefit of a college education is that it increases one's earning power	4	3	2	1
Employers should be allowed to require drug testing of employees or job applicants	4	3	2	1
The best way to control AIDS is through widespread, mandatory testing	4	3	2	1
Just because a man thinks that a woman has "led him on" does not entitle him to have sex with her	4	3	2	1
Only volunteers should serve in the armed forces	4	3	2	1
The federal government should do more to control the sale of handguns	4	3	2	1
A national health care plan is needed to cover everybody's medical costs	4	3	2	1

33. During your last year in high school, how much time did you spend during a typical week doing the following activities?

Hours per week:	None	Less than 1 hour	1-2	3-5	6-10	11-15	16-20	Over 20
Studying/homework								
Socializing with friends								
Talking with teachers outside of class								
Exercising/sports								
Partying								
Working (for pay)								
Volunteer work								
Student clubs/groups								
Watching TV								
Hobbies								

34. Which of the following are important to you in your long-term choice of career occupation?

(Mark one in each row)

	Essential	Very important	Somewhat important	Not important
Job openings generally available	E	V	S	N
Rapid career advancement possible	E	V	S	N
High anticipated earnings	E	V	S	N
Well-respected or prestigious occupation	E	V	S	N
Great deal of independence	E	V	S	N
Chance for steady progress	E	V	S	N
Can make an important contribution to society	E	V	S	N
Can avoid pressure	E	V	S	N
Can work with ideas	E	V	S	N
Can be helpful to others	E	V	S	N
Able to work with people	E	V	S	N
Intrinsic interest in the field	E	V	S	N
The work would be challenging	E	V	S	N

35. Below are some reasons that might have influenced your decision to attend this particular college. How important was each reason in your decision to come here? (Mark one answer for each possible reason)

	Very important	Somewhat important	Not important
My relatives wanted me to come here	V	S	N
My teacher advised me	V	S	N
This college has a very good academic reputation	V	S	N
This college has a good reputation for its social activities	V	S	N
I was offered financial assistance	V	S	N
This college offers special educational programs	V	S	N
This college has low tuition	V	S	N
My guidance counselor advised me	V	S	N
I wanted to live near home	V	S	N
A friend suggested attending	V	S	N
A college rep recruited me	V	S	N
The athletic department recruited me	V	S	N
This college's graduates gain admission to top graduate/professional schools	V	S	N
This college's graduates get good jobs	V	S	N
Not offered financial aid by first choice college	V	S	N
I was attracted by the religious affiliation/orientation of the college	V	S	N
I wanted to go to a school about the size of this college	V	S	N

36. How would you characterize your political views? (Mark one)

- Far left
- Liberal
- Middle-of-the-road
- Conservative
- Far right

37. Below is a list of different undergraduate major fields grouped into general categories. Mark only one oval to indicate your probable field of study.

ARTS AND HUMANITIES
- Art, fine and applied
- English (language and literature)
- History
- Journalism
- Language and Literature (except English)
- Music
- Philosophy
- Speech
- Theater or Drama
- Theology or Religion
- Other Arts and Humanities

BIOLOGICAL SCIENCE
- Biology (general)
- Biochemistry or Biophysics
- Botany
- Marine (Life) Science
- Microbiology or Bacteriology
- Zoology
- Other Biological Science

BUSINESS
- Accounting
- Business Admin. (general)
- Finance
- Marketing
- Management
- Secretarial Studies
- Other Business

EDUCATION
- Business Education
- Elementary Education
- Music or Art Education
- Physical Education or Recreation
- Secondary Education
- Special Education
- Other Education

ENGINEERING
- Aeronautical or Astronautical Eng
- Civil Engineering
- Chemical Engineering
- Electrical or Electronic Engineering
- Industrial Engineering
- Mechanical Engineering
- Other Engineering

PHYSICAL SCIENCE
- Astronomy
- Atmospheric Science (incl. Meteorology)
- Chemistry
- Earth Science
- Marine Science (incl. Oceanography)
- Mathematics
- Physics
- Statistics
- Other Physical Science

PROFESSIONAL
- Architecture or Urban Planning
- Home Economics
- Health Technology (medical, dental, laboratory)
- Library or Archival Science
- Nursing
- Pharmacy
- Predental, Premedicine, Preveterinary
- Therapy (occupational, physical, speech)
- Other Professional

SOCIAL SCIENCE
- Anthropology
- Economics
- Ethnic Studies
- Geography
- Political Science (gov't., international relations)
- Psychology
- Social Work
- Sociology
- Women's Studies
- Other Social Science

TECHNICAL
- Building Trades
- Data Processing or Computer Programming
- Drafting or Design
- Electronics
- Mechanics
- Other Technical

OTHER FIELDS
- Agriculture
- Communications (radio, TV, etc.)
- Computer Science
- Forestry
- Law Enforcement
- Military Science
- Other Field
- Undecided

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38. Please indicate the importance to you personally of each of the following: (Mark one for each item)

(N) Not Important; (S) Somewhat Important; (V) Very Important; (E) Essential

	E	V	S	N
Becoming accomplished in one of the performing arts (acting, dancing, etc.)				
Becoming an authority in my field				
Obtaining recognition from my colleagues for contributions to my special field				
Influencing the political structure				
Influencing social values				
Raising a family				
Having administrative responsibility for the work of others				
Being very well off financially				
Helping others who are in difficulty				
Making a theoretical contribution to science				
Writing original works (poems, novels, short stories, etc.)				
Creating artistic work (painting, sculpture, decorating, etc.)				
Becoming successful in a business of my own				
Becoming involved in programs to clean up the environment				
Developing a meaningful philosophy of life				
Participating in a community action program				
Helping to promote racial understanding				
Keeping up to date with political affairs				

39. What is your best guess as to the chances that you will: (Mark one for each item)

(N) No Chance; (L) Very Little Chance; (S) Some Chance; (V) Very Good Chance

	V	S	L	N
Change major field?				
Change career choice?				
Fail one or more courses?				
Graduate with honors?				
Be elected to a student office?				
Get a job to help pay for college expenses?				
Work full time while attending college?				
Join a social fraternity, sorority, or club?				
Play varsity intercollegiate athletics?				
Be elected to an academic honor society?				
Make at least a "B" average?				
Need extra time to complete your degree requirements?				
Get tutoring help in specific courses?				
Have to work at an outside job during college?				
Seek vocational counseling?				
Seek individual counseling on personal problems?				
Get a bachelor's degree (B.A., B.S., etc.)?				
Participate in student protests or demonstrations?				
Drop out of this college temporarily (exclude transferring)?				
Drop out permanently (exclude transferring)?				
Transfer to another college before graduating?				
Be satisfied with your college?				
Find a job after college in the field for which you were trained?				
Get married while in college? (skip if married)				
Buy a personal computer sometime in the next 12 months				

40. The Higher Education Research Institute at UCLA actively encourages the colleges that participate in this survey to conduct local studies of their students. If these studies involve collecting follow-up data, it is necessary for the institution to know the student's ID numbers so that follow-up data can be linked with the data from this survey. If your college asks for a tape copy of the data and signs an agreement to use it only for research purposes, do we have your permission to include your ID number in such a tape? Yes ○ No ○

The remaining ovals are provided for items specifically designed by your college rather than the Higher Education Research Institute. If your college has chosen to use the ovals, please observe carefully the supplemental directions given to you

41. (A) (B) (C) (D) (E)
42. (A) (B) (C) (D) (E)
43. (A) (B) (C) (D) (E)
44. (A) (B) (C) (D) (E)
45. (A) (B) (C) (D) (E)
46. (A) (B) (C) (D) (E)
47. (A) (B) (C) (D) (E)
48. (A) (B) (C) (D) (E)
49. (A) (B) (C) (D) (E)
50. (A) (B) (C) (D) (E)

THANK YOU!

2876 Questar 914 5422

Appendix C

Coding Scheme for Collapsed Items

1. Father's Occupation

2. Mother's Occupation

Father's Occupation

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator (or designer); Musician (composer; performer); Writer or journalist.
Business	Accountant or actuary; Business executive; Business owner or proprieter; Salesman or buyer.
Clergy or Religious Worker	Clergyman (minister; priest); Clergy (other religious).
College Teacher	College teacher.
Doctor	Dentist (including orthodontist); Physician.
Educator (secondary)	School counselor; School principal or superintendent; Teacher or administrator (secondary).
Elementary Teacher	Teacher or administrator (elementary).
Engineer	Engineer.
Farmer/Forester	Conservationist or forester; Farmer or rancher.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, or speech); Veterinarian.
Lawyer	Lawyer (attorney) or judge.
Military Career	Military service (career).
Research Scientist	Scientific researcher.
Skilled Worker	Skilled trades.
Semiskilled Worker	Semiskilled worker.
Laborer	Laborer (unskilled).
Unemployed	Unemployed.
Other	Architect or urban planner; Business (clerical); Clinical psychologist; Computer programmer or analyst; Foreign service worker (including diplomat); Homemaker (full-time); Interpretor (translator); Law enforcement officer; Nurse; Social, welfare, or recreation worker; Statistician; Other occupation not listed above.

Mother's Occupation

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator (or designer); Musician (composer; performer); Writer or journalist.
Business	Accountant or actuary; Business executive; Business owner or or proprieter; Salesman or buyer.
Business (clerical)	Business (clerical)
Clergy or Religious Worker	Clergyman (minister; priest); Clergy (other religious).
College Teacher	College teacher.
Doctor	Dentist (including orthodontist); Physician.
Educator (secondary)	School counselor; School principal or superintendent; Teacher or administrator (secondary).
Elementary Teacher	Teacher or administrator (elementary).
Engineer	Engineer.
Farmer/Forester	Conservationist or forester; Farmer or rancher.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, or speech); Veterinarian.
Homemaker (full-time)	Homemaker (full-time).
Lawyer	Lawyer (attorney) or judge.
Nurse	Nurse.
Research Scientist	Scientific researcher.
Social, Welfare, or Recreation Worker	Social, welfare, or recreation worker.
Skilled Worker	Skilled trades.
Semiskilled Worker	Semiskilled worker.
Laborer	Laborer (unskilled).
Unemployed	Unemployed.
Other	Architect or urban planner; Clinical psychologist; Computer programmer or analyst; Foreign service worker (including diplomat); Intrepretor (translator); Law enforcement officer; Statistician; Other occupation not listed above.

Appendix D

Institutions Participating in the ACE•UCLA Freshman Survey

Institutions Participating in the CIRP Freshman Survey Program, 1966-1989[a]

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Abilene Christian University	11	15	@	@	@	@	@				×	×	@	@	@	@			@			@	@	@		
Adelphi University	04	19	×	×				×	×		×	×	×	×	×	×	×	×	×	×	@	@	×	@		×
Adrian College	21	24	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	×	@	@	@	@	@
Agnes Scott College	23	9	@	@	@	@	@	@						@	@	@										
Alabama A&M University	34	15	@									×	×	×	@	@	@		@	@	×	@	×	@	@	@
Alabama State University	34	14						×	×	×	@	@	@	×	×		×	@	@	@	@	@				
Alaska Pacific University	11	3	@								×	×														
Albany Business College	31	2													@	@										
Albertus Magnus College	17	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Albion College	23	12	×	@	@	@	@	×	@	×	×	×	×	×												
Albright College	23	1									×															
Alcorn State University	34	1																	×							
Alderson-Broaddus College	21	3												×	×	@										
Alexander City State Junior College	27	2													@				@							
Alfred University	13	10	×											×	@					×	×	@	@	@	@	@
Alice Lloyd College	31	10										@	@	@	@	@	@	@	@	@	@					
Allegheny College	13	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Allentown College of St Francis de Sales	17	17	@	×	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@							
Alliance College	11	2											@	@												
Alma College	21	14	@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Alvin Community College	27	1															×									
American College of Applied Arts	11	2		×	×																					
American International College	11	2	@	×																						
American University	05	24	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	×	×	×	×	×	@	@	@	@
Amherst College	14	24	@	×	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Anderson College	32	14	@	@	@	@	@		@		@		@		@		@		@	@	@	@				
Anderson University	21	1																@								
Andrew College	31	4	@	@	@	×																				
Andrews University	21	13							×	×	@	@	@	@	@	×	×	@	@	×	×					
Antioch College-Washington/Baltimore	13	2																		×	×					
Antioch University	13	8	@	×	@	×	@	@	@										×							
Appalachian State University	07	8											@	@	@		@	@	@	@	@					
Aquinas College	17	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Aquinas Junior College	30	7												@	×	×	@	@	@	@						
Arizona State University	01	3																						×	@	@
Arkansas College	21	14	×	@	@	@	@	@	@	@	@	@	×	×	@		@									
Assumption College	18	1																@								
Athens College	20	6																				@	×	@	@	×	×
Atlanta Christian College	15	1	@																							
Atlanta College of Art	11	4		@	×	@	×																			
Atlantic Christian College	20	1								@																
Atlantic Community College	28	2																		@	×					

[a] Participation in the ACE•UCLA Cooperative Institutional Research Program (CIRP) for a given year is indicated by an "@" or an "X." Insitutions providing data judged to be representative of their first-time, full-time freshman class and included in the national norms report are indicated by an "@." Campuses that participate in the survey but whose data were not included in the norms report are noted by an "X." Participation for 1989 is shown for those institutions that had submitted their data in time to be included in this publication.

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Atlantic Union College	20	3		×		×	×																			
Augsburg College	23	24	×	×	@	@	@	@	@	@	@	×	×	@	@	@	×	×	×	×	×	@	@	@	@	@
Augustana College (IL)	23	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@				
Augustana College (SD)	22	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			
Aurora University	21	1	×																							
Austin College	23	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Austin Peay State University	07	18			×	×	@	×	@	×	@	@	×	@	@	@	@	@	×	×	@	@				
Averett College	21	17	@	@							@	@	×	×	@	@	@	@	×		×	@	×	@	@	@
Azusa Pacific University	11	10						×	×	×	×	×	×	@	@	×		×								
Babson College	13	7	@	@	@	@	@									×	×									
Bacone College	31	1											@													
Baker University	21	11	×	×	×	×		@		@	×	@	@	@				@								
Bakersfield College	28	2			×	×																				
Baldwin-Wallace College	22	2	×	@																						
Ball State University	01	2																				×	×			
Baptist Bible College of Pennsylvania	24	8															@	@	@	@	@	@	@	@		
Baptist College-Charleston	21	3												×			×					×				
Baptist Medical System School of Nursing	11	1		×																						
Barat College	18	6								×		@	×	×	×	@										
Bard College	13	19	@	@	@	@	@	@	@	@	×	×		@	@	×	×	@	×	@	@	@				
Barnard College	14	11	×			×	×	@	@	@	@	×	×	@	@											
Barrington College	12	3												@		@		@								
Barry University	16	4	×	×	@													@								
Barton County Community College	27	2							@	@																
Bates College	14	24	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@
Bay Path Junior College	32	11						@	@									@	@	@	@	@	@	@	@	@
Baylor University	04	24	@	@	@	×	@	@	@	@	×	×	×	@	@	@	@	@	@	@	×	@	@	@	@	@
Beaver College	22	10		@	@									@	@	@	@	@	@	×	@					
Bee County College	28	6																	@	@	@	×	×	@		
Belhaven College	22	1													×											
Bellarmine College	17	5	×				×									×	×	×								
Bellarmine-Ursuline College	16	8																	×	×	×	×	@	@	@	@
Bellevue College	11	1											×													
Belmont Abbey College	16	2	@														@									
Beloit College	13	22	@	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@	@	×	@	@	@	@
Benedict College	35	11		×		×	@	@	@	@	×	@	×	@	@											
Benedictine College	16	18	×	@	@	@	@	@	@	@	@	@	×	@	×	@	@	@	@	@						
Bennett College (NC)	35	7	@	@	@					×	@	@	×													
Bennett College (NY)	31	3																@	@	@						
Bennington College	14	11						×									@	×	@	@	@	@	@	@	@	@
Bentley College	12	2														@		@								
Berea College	11	22	@			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Bergen Community College	29	9													×	@	@	@	@	×	×	@	×			
Berkshire Community College	27	4		@		@				@	@															
Berry College	12	13	@	@	@	@	@	@	×	@	@	@	×		@					@						
Bethany College (KS)	21	5					@	@							@	@	×									
Bethany College (WV)	13	8	@	@		@	@	@	@	@	@															
Bethany Lutheran College	31	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Birmingham-Southern College	22	16	@	@	×	×	×	×	×	@	×	×	×	×	@	@	@	×								

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Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Bishop College	35	5				×								×			×	×		@						
Black Hawk College	29	10														@	×	@	×		×	×	@	×	×	@
Black Hills State College	07	4	×	×	×	×																				
Blackburn College	13	9						×		×		@	×	@	×	@	@	×								
Bloomfield College	20	16			@	@	×	@	@	×	×	×	×	@	@	×	@	×	×	×						
Bloomsburg University of Pennsylvania	08	12	@	@	@	@	@	×	@	@	@	@	@	@												
Bluefield State College	34	1																	×							
Bluffton College	21	3																@		@	@					×
Boise State University	07	1																						@	@	@
Boston College	05	6			×		×																			
Boston University	05	13			×		×			@		×	@	×	@	@	×	×	@	×						
Bowdoin College	14	24	×	×	×	×	×	@	@	@	×	×	@	@	×	@	@	@	@	@	@	@	@	@	@	@
Bowie State University	34	17	@	×	×		×				@	×	×	@	@	×	×	@	@	@	@			@		@
Bowling Green State University	01	7											@	@	@	@	@	@	@							
Bradford College	11	8	@	@	@						@						@	@	@		@					
Bradley University	04	24	@	×	×	×	@	×	×	×	×	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@
Brandeis University	06	23	@	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@
Brenau College	11	9	@	@	@			×	@					×	×		×	@								
Brevard College	32	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Brewton-Parker College	32	5											@	@	@	@	×									
Briarcliff College	12	9														×		@		×	×	×	@	@	@	@
Bridgewater College	21	2	@	@																						
Brigham Young University	04	4				@	×					×									×					
Bronx Community College	28	7	×	@	@	×	×																	@	@	
Brown University	06	5		@				@						@	×	@										
Bryan College	15	2															@			@						
Bryant College	12	5														×	×	×	@			×				
Bryn Mawr College	14	15	@	@	@	@	@	@	@	@	@	@		@	@	×	@	×								
Bucknell University	14	6	×	×	×			×			×	×														
Buena Vista College	21	23	@	@		@	×	×	@	@	@	@	×	×	@	@	@	@	@	@	@	@	@	@	@	@
Bunker Hill Community College	29	1														@										
Butler University	05	5	@								@	@	@	@												
Cabrini College	16	2	×				×																			
Cal Institute of the Arts	15	1															×									
Caldwell College	16	5	@	@	@	@	×																			
Caldwell Community College	27	3							×					×				×								
Calif College of Arts and Crafts	11	7	@	×	@	×	×									×		×								
Calif Institute of Technology	06	21				@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Calif State U-Bakersfield	07	4		×									×			@	@									
Calif State U-Chico	07	4										×			×	@	@									
Calif State U-Dominguez Hills	07	6			@	×						×	×	×	×											
Calif State U-Fresno	08	5										×												×	×	@
Calif State U-Fullerton	08	18							×	×	×	×	×	@	@	@	×	×	@	@	×	@	@	@	@	@
Calif State U-Long Beach	08	3				@	×	×																		
Calif State U-Los Angeles	08	2	×	×																						
Calif State U-Northridge	08	1																×								
Calif State U-Stanislaus	08	14		×		×	×	×	×							×	×	@	×	×		×	@		@	@
California Lutheran University	21	10	@	@	@		@		@		×		×		×			×		@			@		@	×
California University of Pennsylvania	08	3																								

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Calvin College	22	22	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@	@	×	@	@	@	@	
Canisius College	17	12	@	@	@	@	@	×	@	×	@	×	@	@												
Capital University	22	3	×						@						×											
Cardinal Stritch College	16	21	×	@		×		@	×	×	×		@	@	@	@	@	@	×	@	×	×	@	@	@	@
Carl Albert Junior College	25	2									@		@													
Carleton College	14	22	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Carlow College	18	13	@	@	@	@	@	@	@	@	@	@	@	@	@											
Carnegie-Mellon University	06	13	@	@	@	@	@	×						@	@	×	@					×	×	@		
Carroll College (MT)	18	9			×			×						@	×	×	@	@	×		@					
Carroll College (WI)	23	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Carson-Newman College	21	20	×	×	@	@	@	×	@	×	×	×	×	×	@	@	@	@	×	×	@	@				
Carthage College	22	2	@										@											@		
Cascade College	11	1																						@	×	×
Case Western Reserve University	05	6				@	@	×																		
Castleton State College	07	4	×	×	@	×																				
Catawba College	21	8	@	@	@	@	@	×	@	@																
Catholic University of America	05	13	×	@	@	@	@	×		@	@	@	@	@						@	×					
Cazenovia College	32	12								@	@	@	@	@	@	@	@	@			@	@		@		
Cedar Crest College	22	17	@	@	@	@	@	@	@	@	×	×	@	@	@	@	@	@	@							
Centenary College (LA)	23	4	@	×	@	×														@	@					
Centenary College (NJ)	21	3				×																				
Central Connecticut State College	08	3	×	×	×											@	@	@			@					
Central Methodist College	21	4												×						×	×					
Central State University	34	3											×	×	×	×	@	×	@	@	@	@	@	@		
Central Technical Community College	27	12														@										
Central Virginia Community College	27	1														@	@	@	@	@	@					
Centre College of Kentucky	13	19	×	@	@	@	@	@	@	@	@	@	@	@	@	@	×	×		@	×	×	×	@	@	
Cerritos College	28	10	×													@	×	×	@							
Chaminade University of Honolulu	16	5											×			@	×	@	@				@			
Champlain College	32	8			@									@	@	@	@	@	@							
Chapman College	11	23	×	×	×	×	×	×	@	×	×		@	@	×	×	×	@	×	@	×	×	×	@	@	@
Chatham College	13	24	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Chestnut Hill College	18	1																			@					
Cheyney University of Pennsylvania	34	3	@	@	×																					
Chicago State University	34	17		×	×		×	×	×				×	×	×	×	@	×	@	@	×	×	@	@		
Chowan College	32	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			
Citrus College	29	6																		×	×		×	×	×	@
City College of San Francisco	29	9													×	@			×	×	×	×	@	@	×	
Claflin College	35	1	@																							
Claremont McKenna College	14	22	@	@	@	×	@	×	@	×	@	×	@	@	@	×	@	@	@	@	@	@	@	@		
Clarendon College	26	3																					×	×		
Clarion University of Pennsylvania	09	7												@		@							×	@	×	×
Clark College	35	17	@	@	@	@		@	@	@	@	@	@	×	@	@	@	@	@	@	@					
Clark Technical College	27	13										@	×	@	@	@	@	@	@	@	@	@	×	×		
Clark University	14	9	@	@	@	@	@														×	×	×	@		
Clarke College	17	8	×	×	×	×											@	@	×	@						
Clarkson University	13	2																×	@							
Clemson University	01	1																@								
Cleveland Institute of Art	12	14			@		@	×		×	×	@	×		×	×	×	×	×	@						
Cleveland State University	08	2																	×	×						

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Cochise College	27	5														×	×						×		@	@
Coe College	13	5									@	×		@	@	×										
Cogswell College	11	2													@	@										
Coker College	11	2															@	@								
Colby College	14	22	@	@	@	@	@	×	@	@	×	@			×	×	×	×	×	@	@	×	×	@	@	@
Colby-Sawyer College	11	1																		@						
Colgate University	14	10	×		@		@		@		@		@		×		@		@		@					
College of the Atlantic	11	4	×	×		@	×																			
College of the Canyons	27	1		×																						
College of the Desert	27	2	×	×																						
College of the Holy Cross	18	2	×	×																						
College of the Mainland	27	4																×	×	×				×		
College of the Sequoias	29	14	×	×	×	×	@											@	@	@	@	@	@	@	@	@
College of Aeronautics	32	10														×	@	×	×	×	×	×	@		@	@
College of Art and Design	11	6	@	@	×	×	×	×																		
College of Boca Raton	32	3	@	@					×																	
College of Charleston	09	13	@	@	@	@	×	×											×	×	@		@	@	@	@
College of Ganado	31	1															×									
College of Idaho	22	1	×																							
College of Mount Saint Vincent	18	24	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
College of Mt St Joseph on the Ohio	16	7						×	@	@	@	×					@	×								
College of New Rochelle	18	21	×	×	@	×	@	@	@	@	×	×	×	×	×	×	@				×	×	@	@	@	@
College of Notre Dame	17	13	@	×	×	@	×	×												×	×	×	×	@	@	@
College of Notre Dame of Maryland	18	1										@														
College of Our Lady of the Elms	16	2																		@	@					
College of Saint Benedict	17	21	@	@	@	×	×	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
College of Saint Catherine	17	19	@	@	@	@	@	×	×	@	×	@	@	@	@	@	@	@	@	@	@					
College of Saint Francis	17	10	@	@	@	×					×	@	×				@	@	@							
College of Saint Mary	16	3	@	@	×																					
College of Saint Rose	17	3																	@	@	@					
College of Saint Scholastica	17	7						@	@	@			×	@					×	@						
College of Saint Teresa	17	11			@	@	@	@	@	×	@	@	@	@	@											
College of Saint Thomas	18	12	@	@	@	@	@	@	@	×	@	@	@		@											
College of Santa Fe	16	4															×			×		×	×			
College of Staten Island	29	15			@		@		×	×	×	@	@		@	×	@	×	@	@	×	×				
College of William and Mary	09	8	×		@	@		×	×	×	×	×														
College of Wooster	23	9									@	×	@	@	@	@	@	@	@							
College Misericordia	16	11	@	@	@	×	×	×	×	×	@						@	@								
Colorado College	14	10	@	@	@	@	×	@	@	×	@									@						
Colorado Mountain College-East Campus	25	4														×	×	×	×							
Colorado State University	02	3	×																				×			@
Colorado Women's College	11	4												×		@	@	@								
Columbia College	21	3	@										@								@					
Columbia University	06	10	@	@	×	@	×	@	×															@	@	@
Community College of Rhode Island	29	4											@	×	@	×										
Compton Community College	36	11											@		×	×	×			×	×	×	×	×	×	@
Concord College	07	2			×	×																				
Concordia College (AL)	30	2												@					@							
Concordia College (MN)	23	4														×	×								@	@
Concordia College (NY)	11	8	@	@	@	@	@	@	@	@																

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Concordia College (OR)	20	15	×	×	×			@	@	@	@	@	@	@	@	@	@	@	@							
Concordia College	31	4											@	@	×	×										
Concordia Lutheran College	20	5	@	@	@	@	×																			
Concordia Teachers College	23	1			×																					
Connecticut College	14	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@
Converse College	12	14	@	@	@	@	@	@	@	@	@	@	@	@	@	×										
Cooper Union	14	1																		×						
Coppin State College	34	18	×	×	×	×		×	×	×	×	×	×	×	×	×	×	×	×	×		×				
Cornell College	23	17	@	×	×	@	@	@	@	@	@	@	@	@	@	×	@	@	@							
Cornell Univ-School of Human Ecology	06	2																					@	@		
Cornell University	06	5									×	@					@	×	×							
Corning Community College	28	13		×	@	@	@	@	@	@	@	×	@	@	@										@	
Cottey College	31	5									@							@	@	@	×					
Covenant College	22	7		@		@		×			×		@	@	@											
Cowley County Community College	26	9																×	×	@	×	×	@	@	×	@
Crafton Hills College	27	2	@	×																						
Creighton University	04	3	@	@	×																					
Cullman College	30	8												@	@	×	@		@	@	×	@				
Curry College	12	4																	×	×	×	×				
CUNY-Bernard M Baruch College	10	7																×	×		×	@	×	@	@	
CUNY-Borough of Manhattan Cmty College	29	3																	×	×		×				
CUNY-Brooklyn College	09	1																				×				
CUNY-City College	09	16									×	@	@	×	@	×	×	@	×	@	×	@	@	@	@	@
CUNY-Eugenia Maria de Hostos Cmty Coll	28	3														×	×	×								
CUNY-Herbert H Lehman College	10	1																				×				
CUNY-Hunter College	08	3																					×	@		×
CUNY-John Jay College of Criminal Justic	07	12								@		@	@	@	@	@	@	×	@	@	@	×				
CUNY-NY City Technical College	29	3																				×		@	×	
CUNY-Queens College	09	1																				×				
CUNY-Queensborough CC	29	19	@	×	×	@	@	@	@	×	×	×	@	@	@	×	@	@	@	@		@				
CUNY-York College	07	10								×		×	×	×	@	@	×	@	@			@				
D'Youville College	16	10	@				×	@							×	@	@	×	@		×	×				
Dakota State College	07	1				×																				
Dakota Wesleyan University	20	5						×	@													×	×	@		
Dallas Baptist University	21	3																				×		×	@	
Daniel Payne College	35	3														×	×							×		
Daniel Webster College	32	1	@																							
Danville Community College	27	1														@										
Dartmouth College	14	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
David Lipscomb College	21	3																				×	×	@		
Davidson College	23	8	@	@												@	@	@	@	@	@					
Davis and Elkins College	21	22			×	×	×	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@
Defiance College	11	21	@	@	@	@	×	×	×	@	@	@	×	×	×	@	×	@		@	@	@	×	@		
Delaware County Community College	28	4																			@	×	×	@		
Delaware State College	34	12				@		@		@					×	×	×				@	@	@	@	@	@
Delaware Valley College of Sci & Agri	11	17								×	@	×	@	@	×	@	@	×	@	@	@	@	@	@	@	@
Delta College	29	2	@											×												
Denison University	13	3	@																	×	@					
DePaul University	04	4	×		@		@	×																		

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
DePauw University	23	20	@	@	@	@		@	@	@	@	@	@	@		@	@	@	@	@	@	@	@	@		
DeVry Institute of Technology (IL)	11	1				×																				
DeVry Institute of Technology (OH)	11	20		×	×		×	×	×	@	@	@	@	@	@	×	@	×	@	@	×	@	@	@		
Dickinson College	14	24	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@
Dillard University	35	21	@	@	@	×	×	@	@	@	@	@	@	@	@	@	@	@	@	×		@	@	@		
Doane College	21	3																	@	@	@					
Dominican College of Blauvelt	16	24	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	×	×	@	@
Dominican College of San Rafael	17	24	@	×	@	@	@	@	@	@	@	@	×	@	@	@	×	×	@	@	@	@	@	@	@	@
Dominican College-Racine	17	1																	×							
Donnelly College	31	10															×	×	×	×	×	@	@	@	@	@
Douglas College	07	1				×																×				
Dowling College	12	1																								
Drake University	05	22	@	@	@	@	@	@	@	@	@	@	@	×	@	@	×	@	@	@	@	@	×	@		
Drew University	23	11	×	×	×	×	×	@	@	×	×	×	×													
Drexel University	13	5				×	×	×					×			×										
Drury College	12	2	@				×																			
Duke University	06	10									×	@	@	@	@	@	@	@	×		×					
Dutchess Community College	29	16							@	@	@	@	×	@	@	@	×	@	@		@	×	×	×	@	
Dyersburg State Community College	27	1				×																				
Dyke College	15	2															@	×								
Earlham College	23	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
East Carolina University	07	5			@				@	@	@	@														
East Central College	27	3															×	@	×							
East Central University	07	3																		×	×	@				
East Georgia College	25	8	@	@	@	@					@	@	@	@												
East Los Angeles College	29	3										@	×					×								
East Stroudsburg University	08	3											@	×	@											
East Texas State University	07	1																	×							
Eastern College	21	5				@												@	@	×	×					
Eastern Mennonite College Inc	21	24	@	@	@	×	@	@	×	×	×	×	×	@	×	@	@	@	@	@	@	@	@	@	@	@
Eastern Montana College	07	5							×	×	@	×	@													
Eastern New Mexico University-Portales	07	3	@	@	×			@																		
Eastern Wyoming College	25	7											@	@	@	@	@	@								
Eckerd College	23	18	@	@	×	×	×	×	×		×	×		@	×	@	@	@	@	@	@	@				
Edgewood College	16	2									@	@														
Edmonds Community College	27	1																						@		
Eisenhower College	13	10									×			@	@	@	@	@	×	@	@	@				
Elizabeth City State University	34	17			×	×	×	×	@	@	×	×	@	×	@	×	×	@	@	@	@					
Elizabeth Seton College	32	4														×	×	@	×							
Elizabethtown College	13	21	@	@	@	×	@	@	@	@	@	×	@	×	×	@	@	@	@	×	@	@	@			
Elmira College	13	6									@	@	×	×	×						×					
Elon College	21	10	@	@	@	@	@	@					@	@						@	×					
Embry-Riddle Aeronautical University	11	3	@	@	×																					
Emerson College	12	10	@	@	@	@	@	@	@	@	×			×												
Emory and Henry College	22	24	@	×	×	@	@	@	@	@	@	×	@	@	@	@	@	@	×	@	@	@	@	@	@	@
Emory University	05	20	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@					@
Emporia State University (KS)	21	1																	×							
Emporia State University (KS)	07	1																	×							
Erskine College	21	9	@	@	@	@	@									×			@	@	@					

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Essex County College	29	1																@								
Eureka College	21	7	@		@	×			×			×	@						@							
Evergreen State College	07	15	×	×	×	×	@		×	×	×	×	×		×	×	×	×	×							
Fairfield University	18	9	@	@				×					@	@	@	@	@	@								
Fairhaven College	30	5															×	×	×	×		×				
Fairleigh Dickinson U-Rutherford Campus	13	1				×																				
Fairleigh Dickinson U-Teaneck Campus	13	14	@	×	@							×	×	×	×	@	@	×	@	×	×	×				
Fairmont State College	07	19	×	×	×	×		@		@	×	@	@		@	×	×	@	×	×	×			@	@	@
Feather River College	26	1														×										
Felician College	16	3										×	×	×												
Ferris State University	07	1		@																						
Ferrum College	11	4	@	@				@	×																	
Findlay College	20	7		×		×	@	@											@	@	@					
Fisk University	35	22	@	@	@	@	@	@			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Fitchburg State College	08	2	×									@														
Florida A&M University	34	3	×													@	@									
Florida Atlantic University	07	1		@																						
Florida College	31	10	@	@	@									×	@	@				@	@		@	@		
Florida Institute of Technology	13	1									@															
Florida Keys Community College	26	5																	×	×		×	×	@		
Florida Memorial College	35	1																	×							
Florida State University	02	15	@	@	@	@	@	@	@	@	@	×	×										@	@	×	@
Fordham University	05	4	@	@	@	×																				
Fort Hays State University	08	17		×		×	@	×	@	@	@	×	×					@	×	@		×	×	×	×	@
Fort Lewis College	07	1																				×				
Fort Scott Community College	25	20	×	×	@	@	@	@	×	×	@	@	×	×	@	@	@	@	×	@	@		×			
Fort Valley State College	34	1												@												
Framingham State College	09	15	@	×	@								×	×	@	@	×	@	@	@	@	×	@	@		
Franklin and Marshall College	14	24	@	×	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Franklin College	12	6									@	@	@	@	@	@										
Franklin Pierce College	11	3	×	@	×																					
Franklin University	11	2					×	×																		
Freed-Hardeman College	20	22	@	@	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Fresno City College	29	1														@										
Fresno Pacific College	21	2		@		×																				
Friends University	20	2						×							@											
Frostburg State University	07	3																×	@	@						
Furman University	23	17	@	@	@	@	@	@	×	×	@	@	@	@	@	@		@	@	@						
Gallaudet University	11	15					×						×	×	×	×	×	×	×	×	×	×	×	@	@	@	@
Gannon University	17	11				×	@	@	@	×	×	×	×	@	@	@											
Garden City Community College	27	14		@	×	×	@	×	@					×		@	@	@	@	@	@	@		@		
Gardner Webb College	20	2	@	@																						
Garland Junior College	31	6															@	@	@	@	@	@				
Geneva College	21	5										@	@						@	@	@					
George Mason University	09	7														×	×	@	×	@	×	@				
George Peabody College for Teachers	11	4																					@	×	@	@
George Washington University	05	2	@	@																						
George Williams College	12	15					@	×					×	×	@	@	@	@		@	@	@	@	@	@	@

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Georgetown University	06	4		@	@													@	×							
Georgia Institute of Technology	09	24	@	×	×	×	@	@	@	@	×	@	×	×	×	@	×	@	×	×	×	@	×	@	@	@
Georgia Southwestern College	07	12		@		@					×	×	@	@	@	@		@	@	@	@					
Georgian Court College	16	3		×			@				@															
Gettysburg College	14	21	@	@	@	@	@	@	@	×				@	@	@	@	@	@	@	@	@	@	@	@	@
Glassboro State College	08	5	@	@	@	@																×				
Goddard College	13	3																×	×	×						
Gonzaga University	17	20	×	×	@	@		@	@	@	@	@		×		@		×	@	×	×	×	×	×	@	@
Gordon College	13	4	@	×	@	×																				
Goshen College	22	3				@	×												@							
Goucher College	13	8	×	@	@				×		@		@	@	@											
Grace Theological Seminary	21	3		×	×	×																				
Graceland College	22	1																×								
Grambling State University	34	1															×									
Grand Canyon College	21	3																×			@	@				
Grand Rapids Baptist College	20	4			×	×	@													×						
Grand Valley State College	08	1																	×							
Grandview College	11	21		×	×	×	×	×	×	@	×	@	×	×	@	@	×	@	×	@	×	×	×	@		
Grayson County College	27	14		×							@	@	@	@	@	@	@	@	@	@	@	@	@			
Green River Community College	29	1																				×				
Greenfield Community College	28	1																				×				
Greensboro College	21	2	@			×																				
Grinnell College	14	20	@	@	@	@	@	@	@	@	@	@	@	@				×		×	×	×	@	@	@	@
Grove City College	13	1									@															
Guilford College	23	23	×	@	@	×	×	×	@	×	×	×	×	@	×	@	×	×	@	@	@		@	@	@	@
Gulf Coast Community College	28	13							@	@	@	×		×	@	@	@	@	@	@	@	×				
Gustavus Adolphus College	23	19	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@		@				
Gwynedd-Mercy College	16	1															@									
GMI Engineering & Management Institute	13	24	@	@	@	@	@	@	×	@	×	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@
Hamilton College	14	22	@	@	×	×	@	@	×	@	@	@	@	@	@	@	@	@	@	×	×	@	@	@		
Hamline University	23	24	@	@	@	×	×	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@
Hampden-Sydney College	22	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			
Hampshire College	13	5												×		×	×	×	×							
Hampton University	35	2													@						@					
Hannibal-Lagrange College	20	14	×	@	@	@								@			@	@	@	@	@	@	@	@	@	
Harcum Junior College	32	7				@	@	@	@	@	@	@														
Harding University	21	18					×	×	×	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	
Harriman College	31	4													@	@	@		@							
Harris-Stowe State College	07	2																				×	×			
Harrisburg Area Community College	29	4																			×	×	×		×	
Harvard University	06	5																				×	×	×	×	×
Harvey Mudd College	14	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@	@
Haverford College	14	20	@	@	@	@	@	@	×	×	×	@			@	@			@	@	@	@	@	×	@	@
Hawthorne College	31	4																×	×	×	@					
Heidelberg College	21	6								×		@		@		@		×			@					
Hendrix College	22	12	@	@		@	@	@	@	@	@	@	@	@	×									@	@	@
Henry Ford Community College	29	3																						@		
Herkimer County Community College	28	15	@		@		@		@		@		@		@	×		×	×	@	@	×	×	@		
Hesston College	31	3	@	@	×																					

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Highland Community College	27	6																		@	×	×	@	@	@	
Hillsborough Community College	28	1																	@							
Hillsdale College	12	1									@															
Hiram College	12	20	@	@	@	@	×	@	@	@	@	@	×	×	×	@	×	@	@	@	@	@				
Hobart and William Smith Colleges	14	12	@						×	×		×	×	×	×	@	×	@	@	@						
Hocking Technical College	28	8	×	@	×	@	@					×	×						×							
Hofstra University	04	12		@				×		@		@		@	@	@	@	@	@	@	@					
Hollins College	13	20	@	@	@	@	@	×	×	@	×		×				@	×	×	×	×	@	@	@	@	@
Holy Cross Junior College	30	1																					×			
Holy Names College	17	9								×	×	×	×	×	×	×	×	×								
Holy Redeemer College	19	3						@	×	@																
Hood College	13	14	@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Hope College	13	8		×					×							×	×	@	@	@	×					
Houghton College	23	7					×	×	@	@	×	×	×													
Houston Baptist University	21	4				@																×	@	×		
Howard Community College	26	2																×	×							
Howard University	35	21	×			×	×	@	×	@	×	×	×	@	@	@	×	×	×	×	×		@	×	×	×
Humphreys College	30	19	×	×	×		×	@	@			×	×	×	×	@	@	×	×	@	@		×	×	×	
Huntington College	21	18	@	@	@	@	@				@	×	×	@		×	@	×	@	@	×	@	@	@		
Huron College	20	10													@	@	@	×	@	×	×	×	@	@		
Huston-Tillotson College	35	4						×							×				×					@		
Idaho State University	07	9		×	×											×	×					×	@	@	×	@
Illinois Benedictine College	17	6		×	×		@		@				×			×								@		
Illinois Central College	29	1																						@		
Illinois Institute of Technology	13	12		×	@	×	×	×	×			×										@	@	@	@	@
Immaculata College	12	2																							@	@
Immaculate Heart College	17	8														×	×			×	@		×	@	×	@
Indian Hills Cmty College-Centerville	26	5																				×	×	@	@	@
Indian River Community College	28	7											×						@			@	@	@	×	@
Indiana Institute of Technology	12	5									×				×	×	@	×								
Indiana U-Purdue U-Indianapolis	07	7										×	×	×	×	×	×	×								
Indiana University	01	15	×	×	×	×	×	×	×	×	×	×	×		×	×				×		×				
Indiana University of Pennsylvania	09	1					×																			
Indiana Wesleyan University	21	10	@	@	×	×	@	×		×	@	@	@													
International Junior College of Business	32	1														@										
Inver Hills Community College	28	1														@										
Iona College	17	1																@								
Iowa State University	02	21	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		×	@		
Iowa Wesleyan College	21	24	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@
Itasca Community College	27	6							@													@	@	@	@	@
Ithaca College	13	7													×	×	×	×	×	×	@					
Jackson State University	34	11									×	×	×	@	×	×	×	×	×	×	×					
James Madison University	08	1																			@					
Jamestown Business College	32	1														@										
Jamestown Community College	28	8	@				×		@			@			@			@			×				×	
Jefferson Community College	27	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@		
Jefferson Technical College	27	1											@													
Jersey City State College	07	1												×												

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
John A Gupton College	30	2															@		×							
John Brown University	11	7	@		@		@		×		@			@							@					
John Tyler Community College	26	2																					×	@		
Johns Hopkins University	06	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Johnson C Smith University	35	23	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@	@	@	@	@	@
Johnston College	23	2																@	×							
Judson College	11	5				@					×	@	×	@												
Juniata College	13	11	@	@	@		×	@	@	@	@	@	×	×												
Kalamazoo College	13	16		×	×	×	×	×	×	×	×	@	@	@	@	@	×	@	×							
Kalamazoo Valley Community College	27	1															×									
Kansas City Art Institute	11	16	×	@	@	@	×	×	@	@	×	@	@	@	@	×	@			×						
Kansas Wesleyan University	21	13		×		@										×	×	×	×	×	@	@	×	@	@	@
Kean College of New Jersey	08	7									@	@	@	@	@			×	×							
Keene State College	07	11		×	@	@	@	@	@	@	@	@	@	@												
Kenai Peninsula Community College	25	1											@													
Kent State Univ-Stark	27	4			@									@	@	×										
Kent State University-Ashtabula	27	3												@	@	×										
Kent State University-East Liverpool	26	3												@	×	×										
Kent State University-Geauga	26	1														×										
Kent State University-Salem	25	5										@	@	@	×	@										
Kent State University-Trumbull	28	7												×	@	×	×	@	@	@						
Kent State University-Tuscawaras	26	7											@	@	@	@	@	@	@							
Kentucky State University	07	16							×		×	×	×		×	×	×	@	×	@	×	×	×	@	×	@
Kentucky Wesleyan College	20	21	×	×	×	×	×	×	@	@	@	@	@	×	×	@		×	×		×	@	×	@	@	
Kenyon College	14	10	@	@	@	@	@	@	@	@	@		@													
Keuka College	12	1						×																		
Keystone Junior College	32	21	@	@	@	@	@	@	@	@	@	@	@				@	@	@	@	@	@	@	@	@	@
King College	23	4		@		@		×						@												
King's College (NY)	12	4	@	@	@	×																				
King's College (PA)	12	9	@	@	@	@	@	×	@	@	@															
Kirkland College	14	10													@	@	@	@	@	@	×	@	@	@		
Kirtland Community College	25	4		@	@	@	×																			
Kishwaukee College	27	13									×	×	@	@	×	×	@	×	@	@	×	@	@			
Kittrell College	37	2																@		@						
Knox College	13	12			@	@	@	@	×	×	×	×	@	@	@	@										
Knoxville College	35	8				×						×	@	×	@		×		×					@		
Kutztown University of Pennsylvania	09	1																					×			
La Roche College	16	6	×							@										@	×	×	@			
La Salle University	18	14	@		@		@	@	@	@	@	×		×		×	×	@	×	×						
Laboure' College	31	1															×									
Lafayette College	14	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Lake City Community College	27	19			×		×	@	×	@	@	×	@	×	@	@	×	@	@	@	@			×	@	@
Lake Erie College	12	6	×											×		@	@	@	@							
Lake Forest College	23	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@
Lake-Sumter Community College	26	1												@												
Lakeland College	21	15										@	×	@	×	@	×	@	×	@	@	@	@	@	@	@
Lakeland Community College	28	4					×	×													@	@				
Lakeshore Tech	26	3															×	@	×							

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Lamar University	07	5	×	@	@	@	×																			
Lambuth College	21	2						@	×																	
Lander College	07	13	@	@	@	@	@	@	@	@	@	@	@				@	×								
Langston University	34	3																	×	×	×					
Laredo Junior College	28	5																			×	×	×	×	×	
Lawrence University	13	12	@	@	@	×	@	×	@	@							×	×	×	×						
Lawson State Community College	34	14	@			×	×		×		@	@	×	@	@	@			@	@	@	@				
Le Moyne College	18	24	@	@	@	×	×	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	×	@
Le Moyne-Owen College	35	1																	×							
Lea College	14	1																				×				
Lebanon Valley College	23	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Lee College (KY)	31	3																	@	@	@					
Lee College (TN)	20	1									×															
Lehigh University	06	9						@	@	@	@	@	@	@	@	@										
Lenoir-Rhyne College	21	15	×	@	@	×	×	@	×	×					@	@	@	@	@	@	@					
Lesley College	12	9			@	@	@	@	@	@	@	@	@													
Lewis & Clark Community College	26	1																			×					
Lewis and Clark College	13	18			@	@	@	@	@	@	×	×	@	@	@	@	@	@	@	×	@	@				
Lewis University	12	11	@	@	@	×	@	@	@	@	×	×							×							
Limestone College	11	1			×																					
Lincoln College	31	3																		×		@	@			
Lincoln Technical Community College	27	1																		@						
Lincoln University	35	14	@	@	@	@	@	@	×	@	@									@	@	@	@	@		
Lindenwood College	21	13											×	@	@	@	@	@	@	@	@	@	@	@	@	
Linfield College	22	18		@	×	@	×	@	@	@	@	@	@	@	@	×	×	×	@	×	×					
Livingstone College	35	10								×	×	×	×		×	×	@	×	×	@						
Lock Haven University of Pennsylvania	07	23	@	×	×	@	×	×	×	×	@	@	@	@	×	@	×	@	@	@	@	@	@	×	@	@
Lone Mountain College	17	2															×				×					
Long Island U-C W Post Center	12	4							×				×	×	×											
Long Island University-Southampton	12	13					×	×	×	×	@	×	@	×	@	@	×	×	×							
Longwood College	07	22	@	@	@	×	×	×	×	×	@	×	@	@	@	@	@	@	@	@	@	@	@	@		
Lorain County Community College	28	4															×						×	×	@	
Loretto Heights College	11	22			×	×	@	×	×	@	@	×	×	@	×	×	@	@	@	@	@	@	@	@	@	@
Los Angeles City College	29	10											×	×	×	×	@	×	@	@	×	@				
Los Angeles Harbor College	29	1																×								
Los Angeles Pierce College	29	1																×								
Los Angeles Southwest College	27	1																×								
Los Angeles Trade Technical College	29	1																×								
Los Angeles Valley College	29	1																×								
Louisiana College	20	6			@	@	@	@					@	@												
Louisiana State U-Alexandria	27	21	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@		@	×	
Louisiana State U-Eunice	25	12	×	@	@	×	×	@	@	@			@				@							×	×	
Louisiana State U-Shreveport	07	3									@													@	×	
Louisiana State University and A and M C	01	3																						@	×	@
Louisiana Tech University	07	7																		@	×	×	×	@	@	@
Loyola College	18	14	×	@	@	@	@	@	@	@	@	@	@	@	×	@										
Loyola Marymount University	04	4	@						@	@	@															
Loyola University (CA)	17	8																	×	×	×	×	×	@	@	@
Loyola University (LA)	04	20	×	@	@	@	@	@	@	@	@	@	@	@	@	×	×	@	×	×		@	@			
Loyola University of Chicago	04	22	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		

BEST COPY AVAILABLE

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Luther College	23	14		×	×				×	@	×	@	@	@			×	@	@	@	@	@				
Lynchburg College	12	13	@	@	@	×	@	×				@	@	@	×	×	×			×						
Lyndon State College	07	1		×																						
Mac Murray College	23	21	×	×	×	×	×	@	×	@	×	@	@				@	@	@	@	@	@	@	@	@	@
Macalester College	14	16	@	@	@	@	@	@	@	@	@	×	×	×	×			×	@		×					
MacCormac Junior College	32	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@								
Madison Area Technical College	29	6			@				@			×			×		×				@					
Madonna College	16	10														×	×		@	@	@	@	@	@	@	@
Maharishi International University	11	10		@	×	×	×	@			×	×		×	×	@										
Maine Maritime Academy	07	3	×	×	×																					
Mallinckrodt College of the North Shore	30	1										@														
Manatee Community College	29	14								×	×	×	×	×	×	@	@	@	@	@	@	@	×			
Manchester College	21	14		@	@	@	@	×	@	@			@		@		@		@	@	@	@				
Manhattan College	18	17	@	@	@	×	@	@	@	@	@	@	@	@	@	@	×		×		@					
Manhattanville College	13	18	@	@	@	@	×	@	@	@	×	@	@	@	@	@	@			×				@		×
Mankato State University	07	1			×																					
Manor Junior College	31	10	@	@	@	@			@	×	@	@	@	@												
Mansfield University of Pennsylvania	08	3																@	@	@						
Maria Regina College	31	8					@	@	@	@	@	@	@	@												
Marian College of Fond du Lac	18	17								@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Marietta College	12	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Marist College	12	15	@		×		×		×	@	×	×	×	×	@	×	×	×	@	×						
Marjorie Webster Junior College	32	1																			@					
Marlboro College	13	24	×	×	@	@	×	×	×	×	×	×	×	×	×	×	@	@	@	@	@	@	@	@	@	@
Marquette University	04	16	@	@	@	@	@	@	@	@	@	@	@	×	×	@	@	@								
Mars Hill College	20	14	@	×	×	@					@	@	@	@	@	@	@		×	@	@					
Mary Baldwin College	22	22	@	@	@	@	×	@	×	@	@	@	×	@	@	×	×	×	×	×	×			@	@	@
Mary Holmes College	35	4					×	×									@					×				
Mary Manse College	17	1																	×							
Mary Washington College	09	2																@	@							
Marygrove College	16	2														@	@									
Maryknoll Smeinary	18	3																					@	@	@	
Maryland Institute College of Art	11	16	×	@	@	×	×	@	@	@	@	@	@	@	×	×		@	×							
Marymount College (KS)	16	23		@	@	@	@	@	@	@	@	×	×	@	×	×	×	×	×	×	@	@	@	@	@	@
Marymount College (NY)	17	11	@	@	@	@	@	@	@	@	@	×	×													
Marymount Manhattan College	13	17	×	×	@	@	×	@	×	×	×	×	×	×	×	×	@	×	×							
Marymount University	19	11	@	@	×	@	×	@	@		×	×	×	×												
Maryville College	21	6			@	@			×		@		@					@								
Marywood College	17	21	×	@	×	×	×	@	@	@	@	@	×	×	×	×	@	@	@	@	@	@	@			
Massachusetts Bay Community College	29	8						×		×	@	@	@	@	@	@										
Massachusetts College of Art	08	2	×				×																			
Master's College	20	23	@	@	@	×	@	@	×	@	@	@	@	@	@	@	@	@	@	@	×	@		@	@	@
Mayville State University	07	10	×	×	@	×	@	@	@	@	@	@														
McKendree College	20	6											@	@	@	@	@	×								
McPherson College	20	24	@	@	@	@	×	@	@	@	@	@	@	×	×	@	@	×	@	@	@	@	@	@	@	@
Medaille College	11	16							@	@	×	×	×	@	×		×	@	@	@	@	@	×	@		×
Medgar Evers College	10	2													@	@										
Memphis State University	07	3	@		×	×																				
Menlo College	11	1																×								

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Mercer County Community College	29	6																		×	×	×	×	@	@	
Mercer University	22	1	×											@												
Mercy College	12	1														×	×	×	×	×	@	@	×	@		
Mercy College of Detroit	16	9																								
Mercyhurst College	16	22	@	@	@	@	@	@	×	×	×	@	×	×	@	@	×	×	@	@			×	@	@	@
Meredith College	22	1																@								
Merrimack College	17	16	×		×	@	×	@	@	@	@	@	@					×	@	@	@		@	@		
Mesa College	07	3																						@	×	@
Messiah College	21	1		@																						
Miami University	03	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@
Michigan State University	02	7		×						×											×		@	@	@	@
Mid-American Nazarene College	20	17	×	×	×	@	@	×	×	×	@	@	@	@	@	@	@	@	@							
Middlebury College	14	23	@	@	×	×		×	×	×	×	×	×	×	×	×	×	×	@	@	×	@	@	@	@	@
Middlesex Community College	28	6							@	@	@	@	@	@												
Middlesex County College	29	7															@	×	@	@		×	@	@		
Midway College	30	20	@	@	@	×	@	×	@	@	@		@		×	@	×	×	@	@	@	@	@	@		
Midwestern State University	08	2	×									×														
Millersville University of Pennsylvania	09	2		@			×																			
Milligan College	11	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@		
Mills College	13	22	×	×	×	@	@	@	×	×	×	×	@		@	@	×	×		×	×	@	×	@	@	@
Millsaps College	22	8															×	×	×	@	×	×	@	@		
Milton College	11	6																	×	@	×	×	@	×		
Milwaukee School of Engineering	13	4		×	×	×	×																			
Minneapolis College of Art & Design	11	4			@	@	×	×																		
Mira Costa College	27	3																	×					×	×	
Mississippi College	22	16	×	×	×	×	×	×	×	×	×	×	×	×	@	×	×	×								
Mississippi State University	02	1																×								
Mississippi University for Women	08	1																			@					
Missouri Baptist College	15	4																	×	×	×	×				
Missouri Valley College	21	6											@	@	@	×	@	@								
Modesto Junior College	29	5																@		×		×		@	@	
Mohawk Valley Community College	29	1															@									
Molloy College	17	5							×	×	@	×						×								
Monmouth College (IL)	21	16	×						@	@	@	@	@				@	×	@	@	@	@	@	@	@	@
Monmouth College (NJ)	11	7	@	@	@	@	@	@	×																	
Monroe County Community College	27	1													×											
Montana College of Mineral Sci & Tech	07	5						×	@	@	×			×												
Montana State University	01	16	@	×		@	@	@								@	@	@	@	@	@	@	@	@	@	@
Montay College	30	1	@																							
Montclair State College	08	12					×		×				×	×	×	×	×						×	×	@	@
Montgomery County Community College	29	1																			@					
Monticello College	11	4																				×	@	@	@	
Moore College of Art	12	4	×	×	@	×																				
Moorhead State University	08	1					×																			
Moorpark College	28	4																			×	×	×	×		
Moravian College	23	3	×	×														×								
Morehead State University	07	3		@			×												×							
Morehouse College	35	22	×	@	@	@	@	@	@	@	@	@	@	×	×	@	×	×	×	×	×			@	@	@
Morgan State University	34	20	×	×	×	×	×	×		@	@	@	@	@	@	@	×	×	@	×	×				@	@
Morningside College	22	21	@	@	@	@	@	@	@	@	×	@	@	@	@	@	×	@	×	@	@	@	@			

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Morris Brown College	35	10	×	×	×														@	@	@		×	@	×	×
Morristown College	37	3													@		@					@				
Mount Holyoke College	14	24	×	×	×	×	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Mount Mary College	16	2					×	×																		
Mount Mercy College	16	1															@									
Mount Olive College	20	18	×	@	@	@	@	@	@	@				@	@	@	@	@	@	@	@	@	@			
Mount Saint Clare College	19	10	×	@	×	@	×	@	@	@	@	@														
Mount Saint Mary College	11	19	@	×	@	@	×	@	×	×	@	@	@	@	×	@	@	@	@	@	@					
Mount Saint Mary's College	17	22	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@		
Mount Saint Mary's College-Chalon Campus	17	11	×	×	×	@	@	@	@	×	@			@			×									
Mount Saint Marys College-Doheny Campus	30	3	@	@	×																					
Mount Saint Scholastica College	16	4																			@	@	@	@		
Mount San Antonio College	29	13		×											@	@	@	@	×	×	×	×	×	@	@	@
Mount Union College	22	5										@				@	@	@	@							
Mount Vernon College	12	11		@		×	@	@	@	@	@	@	@	@	@											
Mount Vernon Nazarene College	20	13	@	@	@	@	@	×	@	@	@	@	@	@	×											
Muhlenberg College	23	3	@		@					@																
Mundelein College	12	18	×	@	@	@	@	×	@	×	×	×	×	@	×	×	@	@	×			×				
Muscatine Community College	26	7																	@	×	@	@	×	@	@	
Muskingum College	22	6	@				@								@	@	@	@								
Napa College	27	3																		×				@	@	
Nassau Community College	29	2											×						@							
Nasson College	12	2													×	@										
National College of Education	11	13										×	@	@		@		×	@	×	@	×	@	@	@	@
Nazareth College of Kalamazoo	11	11	×													×	@		×	@	×	×	@	@	@	@
Nazareth College of Rochester	13	24	@	@	×	×	@	@	@	@	@	@	×	@	×	×	×	@	@	@	@	@	@	@	@	@
Nebraska Wesleyan University	12	5						@	@	@	@	×														
Neumann College	13	2	@	×																						
New England College	11	2		@	×																					
New Hampshire College	11	1																	@							
New Jersey Institute of Technology	09	24	@	×	@	×	×	@	×	×	×	×	@	@	@	×	@	@	×	@	@	@	@	@	@	@
New Mexico Highlands University	07	2			×						×															
New Mexico Junior College	27	10				@					@	×	@	@	@		@	×	×	@						
New Mexico Military Institute	27	2		@			×									×	×	×	×	@						
New Mexico State U-Alamagordo	26	5													@	@										
New Mexico State U-Carlsbad	25	2														@				×	×	×	@	×	@	@
New Mexico State University	01	7																								
New River Community College	26	1														@										
New York University	05	7																×	×	×	×		×	×		×
Newbury College	32	2													×	×										
Newport College-Salve Regina	16	1														@										
Newton College	18	8																	×	@	×	@	@	@	@	@
Niagara County Community College	28	9						×										@	@	@	×	@	@	@	@	
Niagara University	17	1	@																							
North Adams State College	08	6			@	@	×	×	@	×																
North Carolina A&T State University	34	20	×	×	@	×	×	×	×	@	×	@	@	@	@	@	@	@	@	@	@	×				
North Carolina School of the Arts	08	2																	×	×						
North Carolina Wesleyan College	21	18	×				×	×	×	×	×	@	@	@	×	×		@	@	@	@	@	@	@		
North Central College	22	4	@	×	×								×													

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
North Dakota State University	02	8	@				@					@				@		@			@				@	@
North Florida Junior College	25	4								@	@	×	@													
North Greenville College	32	14	×								@	×	@	@	@	@	@	@				@	@	@	@	@
North Shore Community College	28	10	×	×	×	×	@	@	×	@	×	@														
Northampton County Area CC	28	20		×	@	×	×	×	×	@	×	@	@	@	×	×	×	@	@	×		@	@	@		
Northeast Missouri State University	08	8	@	@	×	@	@	×								×	@									
Northeastern Christian Junior College	31	4																	@				×	@	@	
Northeastern Illinois University	07	11				×	×	×	×	@	×	×	@	×	@	×										
Northeastern Junior College	27	2																		@	@					
Northeastern State University	07	13	×	×	×	×	@	@	@	@	@				×	@	×		@							
Northeastern University	04	24	×	@	×	@	×	@	@	×	@	×	@	×	@	@	×	×	@	@	@	@	@	@	@	@
Northeastern-Burlington	28	2																						@	@	
Northern Essex Community College	29	9					×	×	×	×		×	×	×					×					×		
Northern Illinois University	02	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Northern Michigan University	07	1																			@					
Northern Montana College	07	1	@																							
Northern Nevada Community College	26	1																			×					
Northland College	12	16									×	×	@	@	×	@	×	@	×	@	@	@	@	@	@	@
Northwest College-Assemblies of God	24	1																@								
Northwest Community College	27	3																	@	@		@				
Northwest Missouri State University	07	21	@	@	@	@	@	@	@	@	@	@	@	@	@	×	×	@				×	@	@	×	@
Northwestern College	22	15	@	@	@		@	@	×	×	@	@	@	@	×	@	@	@								
Northwestern University	06	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	×	@	@	@
Notre Dame College (NH)	16	9	@	@	×		@	@	@	@	×	×														
Notre Dame College (OH)	16	4										@	@	@	@											
Nyack College	21	4		@		@		@	×																	
Oakland City College	20	11	×	@	×	×	×				×	×	×							×					@	@
Oakland University	08	23	@	@	@	@	@	@	@	@	@	@	×	@	×	@	@	@	×	@		×	@	@	@	@
Oakton Community College	28	1								×																
Oakwood College	35	1																	×							
Oberlin College	14	20	×	@	@	@	@	@	@	@	×	@		×	×	×	×	@	@				@	@	@	@
Occidental College	14	23	@	×	@	@	@	@		×	@	×	×	@	@	@	@	@	@	@	@	×	×	@	@	@
Ohio Dominican College	16	24	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Ohio Northern University	22	8	×													×	×	×	×	@	×	@				
Ohio State University	01	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@			@	@	@	@
Ohio State University-Lima	07	2			×							@														
Ohio State University-Mansfield	27	1										@														
Ohio State University-Marion	07	10	@	×	×	×	@	@	@	×	@	@														
Ohio State University-Newark	27	1										@														
Ohio University	02	3																			×		×	@		
Ohio University-Chillicothe	25	19	×	@	@	@	@	@	@	@	@	×	@	×	×	@	@	@	@	@	@					
Ohio University-Zanesville	26	1																			×					
Ohio Wesleyan University	22	18		@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@					
Oklahoma Baptist University	21	6		×			@					×	×	×	@											
Oklahoma Christian College	11	9														@	×	×	×	@	@	@	@	×		
Oklahoma City University	23	2					@	×																		
Oklahoma State University	01	9			@	@	×												@	@	@			@	@	@
Old Dominion University	08	7			×	×	×											×	@	@	@					
Olivet College	12	1																		×						

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Olivet Nazarene College	21	2																	×	×						
Ona M. Wilcox School of Nursing	11	1		×																						
Oral Roberts University	12	9									×	@	@	@	@	@	@	@					@			
Orange Coast College	29	17			×	×					×	×	@	×	×	@	×	@	×	×		×	@	×	@	@
Oregon State University	01	2																							×	×
Otis Art Institute of The	11	1					×																			
Ottawa University	21	11											@	@	@	@		@	@	@	@	@	@	@		
Otterbein College	22	17	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@							
Our Lady of The Lake University	16	14		@			@							×	×	×	×	@		×	@	@	@	×	@	@
Pace University	12	16		@	×	×				×		×		@		×	×	×	×	@	@	×	@		×	×
Pace University-White Plains	17	5	@	@	@									×		@										
Pacific Union College	21	2	@														@									
Pacific University	12	16			×	×	@	×	@	@	@	×	@	@	@	@	@	@	@	@						
Packer Collegiate Institute	30	5																			@	@	×	@	@	
Paducah Junior College	16	3																				×	@	@		
Paine College	35	3			@	×	×																			
Palmer Junior College	31	1															×									
Park College	20	13	×	@	×	×	@								@	@	×	×	×	×				@	@	
Parkland College	29	1	×																							
Parsons College	22	5																		@	×	@	@	@		
Passaic County Community College	27	2																×	×							
Patrick Henry Community College	25	2				@										@										
Penn State U-Allentown Campus	25	15	@	@	@	@	×	@	@	@	@	@	@	@	@	@								@		
Penn State U-Altoona Campus	28	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@								×		
Penn State U-Beaver Campus	27	14		@	@	@	@	@	@	@	@	@	@	@	@	×								×		
Penn State U-Behrend College	08	15	×	@	@	×	×	@	@	@	×	×	×	@	@	×								×		
Penn State U-Berks Campus	27	15	@	@	@	@	×	×	×	@	@	@	@	@	@	@								×		
Penn State U-Capital Campus	06	2																				×	×			
Penn State U-Delaware County Campus	27	15	@	@	@	@	@	@	@	@	@	@	×	@	×	@								×		
Penn State U-Dubois Campus	25	16	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@							×		
Penn State U-Fayette Campus	25	14	@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Penn State U-Hazleton Campus	28	16	@	@	@	@	@	@	@	@	@	×	@	×	×	@	@							×		
Penn State U-McKeesport Campus	07	12			×	×	@	×	×	@	×	×	@	×	@	@										
Penn State U-Mont Alto Campus	27	15	@	@	@	@	@	@	@	@	@	@	@	@	@	×								×		
Penn State U-New Kensington Campus	25	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@								×		
Penn State U-Ogontz Campus	28	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@								×		
Penn State U-Schuylkill Campus	25	15	@	@	@	@	@	@	@	@	@	@	@	×	×	×								×		
Penn State U-Shenango Valley Campus	25	16	@	@	@	@	@	@	@	@	@	@	@	×	@	@	×							×		
Penn State U-Wilkes-Barre Campus	27	16	@	@	@	@	@	@	@	@	@	@	@	@	@	@					@			@		
Penn State U-Worthington Scranton Campus	27	17	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				@			×		
Penn State U-York Campus	27	16	@	@	@	@	@	@	@	@	@	@	@	@	@	@					@			×		
Pennsylvania State University	02	20	@	@	@	@	×	×	×	×	×	×	@	@	×	@			×	×		×	×	×		@
Pennsylvania Valley Community College	28	4																			@	@	×	×		
Pepperdine University	12	20	@	×	×	×	×	×	×	×	×			×	@	×	@	@	@	×	×	×	@	@		
Peru State College	07	8												@				×		×	×		@	@	@	@
Pfeiffer College	20	2																@	@							
Philadelphia Col of Pharmacy and Science	13	20	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Philadelphia Col of Textiles and Science	13	19	@	×	×	@	@	@	@	@	@	@	@	@	×	×	×	×	×	×	×					
Philadelphia College of Bible	11	10			@	@									@	@	×	×	×		@	@	@			

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Philander Smith College	35	8	×	×															@	×	@	@	@	@		
Phillips University	22	2																@	@							
Pikeville College	20	5		@	@	@	@	×																		
Pine Manor College	11	22	×	@	×	@	@	×	@	@	@	×	@	×	@	@	@	@	@	@	@	@	×	@		
Pitt Community College	27	9												×	×	×	×	×	×	@		×	×			
Pittsburg State University	07	5		×					@	@	@	@														
Pitzer College	13	16	×	@	@	@	@	@	×	×	@	×	×	×	@	×	×							@		
Point Loma Nazarene College	20	2	×	×																						
Point Park College	11	4	@	@	@													×								
Polytechnic University	14	22	@	×	×		×	×	×	×	×	×		@	×	@	@	×	@	@	@	@	@	@	@	@
Pomona College	14	10		@		@		×								@	×	×	×	×			×	@		
Prairie State College	29	13											×	×	×	@	×	@	×	@	×	×	@		×	@
Prairie View A&M College	34	1			×																					
Pratt Institute	04	9														×		×	×	×	×	×		@	@	@
Presbyterian College	22	8	@	@	@	@		×	@			@				@										
Prescott College	13	3																×	@	@						
Princeton University	06	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Providence College	18	3																	@	×	@					
Purdue University	02	5																				×	×	×	×	×
Queens College	21	10	@							@	×	@	×	@	@	@	@	@								
Quincy College	17	12	×	×	@	@	×	@	@	@	@	@	@	@												
Quinnipiac College	11	5		×	×	×	×	×																		
Quinsigamond Community College	28	9	×			×	×	@													@	@	@	@	×	
Radcliffe College	06	3																					×	@		×
Radford University	07	2				×	×																			
Rainy River Community College	25	17	@	@	@	@	×	×	@	@	@	@	@	@	@	@	@	@						@		
Ramapo College of New Jersey	08	12	@	@	×	×	×						×			×	×	×	×	@	×					
Randolph-Macon College	23	11			@	@	@	@			@	@					@	@	@	@	@					
Randolph-Macon Woman's College	23	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Ranger Junior College	26	6																		@	@	×	@	@	×	
Rappahannock Community College	26	1														×										
Raritan Valley Community College	28	4											×	@		×	@									
Reed College	14	21		@	×	×	×	×	×	×	@	×	×	×	@	×	@	×	@	@	×		@	@		×
Regis College (CO)	16	7	×	×		×		@		@		@	×													
Regis College (MA)	13	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Reinhardt College	31	12	@	@	×	@	×									@	@	@	@	@	×	@				
Rensselaer Polytechnic Institute	06	8	@									@				@	@	@	×	@	@					
Rhode Island College	08	24	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@
Rhode Island School of Design	13	16	@	@	@	@	@	@	@	@	@	@		×	@	@								@	×	@
Rhodes College	23	6	@	×	@	@	@											@								
Rice University	06	13	×	×	×				×		×		@	@	×	@		@	@	@	@					
Richard Bland College	26	2															@	@								
Ricks College	33	2																							@	@
Rider College	12	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@
Ringling School of Art and Design	11	5	@	×	×	×	×																			
Rio Grande College/Community College	11	1																			×					
Ripon College	13	1									×															
Roanoke College	22	8	@	@	@	×	@							×	@	@										

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Roanoke-Chowan Technical College	25	5								×	×	@	@	×												
Robert Morris College	11	11	@	@	@	×	@	@	×	×	×	×	×						@							
Roberts Wesleyan College	22	6	@	@	@	@	@											@								
Rochester Institute of Technology	12	6	@	@	×	×	×													×						
Rockford College	13	24	@	@	@	@	×	×	@	×	×	×	×	×	@	@	@	@	@	@	@	@	×	×	@	@
Rockhurst College	16	18					×	×	@	×	×	×	@	@	@	@	@	@	@	@	×	@	@	@		
Roger Williams College	11	7															×	×	×		×	×	@	×		
Rollins College	13	18	@	@	@	@	@	@	@	@	@	@	×	×	×							@	@	@	@	@
Rosary College	17	18	@	@	@	@	@	@	@	@	@	×	×	@	@	×	@	×	@	@						
Rosemont College	17	4	@													×	@	@								
Russell Sage College	12	19	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@					
Rutgers Camden College of Arts & Science	08	12	×	×	×	@	@	@	@		@	×	×	@	@											
Rutgers University-New Brunswick	03	2									×	×														
Rutgers University-Newark	03	4												@	@	@	×									
Sacramento City College	29	1																								×
Sacred Heart University	16	6	×													×	@	×	×	×						
Saginaw Valley State College	08	2												@	×											
Saint Alphonsus College	19	3									×	×	@													
Saint Andrews Presbyterian College	22	17	@	@	@	@	@	×	@	@	@	@	@	×	@	@	@	@	@							
Saint Anselm College	17	2																		@	@					
Saint Augustine's College	35	1																			×					
Saint Benedict College	16	2																					@	@		
Saint Bonaventure University	17	1					×																			
Saint Catharine College	31	18	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@						
Saint Edward's University	16	23	@	@	×	×	@	@	@	×	×	×	@	@	@	@	×	@	@		@	@	@	@	@	@
Saint Francis College	17	13	×	×	×		×	@	×	×	@	×	×	@	@				×							
Saint John College	17	9																@	@	@	@	@	@	@	×	@
Saint John Fisher College	18	14	×	@	×											@	×	×	×	@	@	@	@	@	@	@
Saint John's College (KS)	12	13					@	@	@	@	@	@	@	@	@	@	@	@	@		@					
Saint John's College (NM)	14	1																								
Saint John's University (MN)	18	22	@	@	@	@	@	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Saint John's University (NY)	04	4															×	@	@	@						
Saint Joseph's College	17	22	@			×	@	@	@	@	@	@	@	@	@	×	@	×	@	@	@	@	@	@	@	@
Saint Joseph's University	18	7	@	@										×				@	@	@	@					
Saint Lawrence Seminary	30	3																					@	@	@	
Saint Lawrence University	13	8	@	@	@		@			@				@				×			@					
Saint Leo College	16	7	@	@	@	@						×	×	×												
Saint Louis Cmty Coll-Florissan Valley	29	8																×	×	@	×	×	×	@	@	
Saint Louis Cmty Coll-Forest Park	28	4															×	×	×			@				
Saint Louis College of Pharmacy	13	2		@	×																					
Saint Louis Conservatory of Music	15	2																×	×							
Saint Louis University	04	14					×			×			×			×	@	×	×	@	×	@	@	@	@	@
Saint Louis University-Parks College	11	9									@	×	@	×	×	×	@	×	×							
Saint Martin's College	16	3			×	×												@								
Saint Mary of the Plains College	16	17	×	×	×	@	@	×	@	@	@	×	@	×	@	@	@	@	×							
Saint Mary College	17	18	×	×	@	@	@	@	@	@	×	@	@	×	@	@	@	@	@	@						
Saint Mary's College (CA)	18	23	@	@	@	@	@	@	@	×	×	×	×	×	×	@	@	@	@	@	@	@	@	×	@	×
Saint Mary's College (IN)	18	16	@	@	@	@	×	×	×		@	@	@	×	@	@	@	@	@	@						
Saint Mary's College (MD)	09	21	@	@	×	×	×	@	×	@	@	@	@	@	@	@	@	@	×			@		@	@	@

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Saint Mary's College (MN)	16	19	@	@	×	×	×	×	×	@	@	@	×	×	×	×	@	@				@	@	@		
Saint Mary's College	31	2	@	@																						
Saint Mary's College of O'Fallon	30	9								×			×	×	×	×	@	@	×	@						
Saint Mary's Dominican College	17	14											×	@	@	@	@	×	@	@	@	@	@	@	@	@
Saint Mary's Junior College	31	1																	@							
Saint Mary's University	16	7	×			@							@	×	@	×	@									
Saint Meinrad College	16	24	@	@	@	@	@	@	@	@	×	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@
Saint Michael's College	18	3	@	@	×																					
Saint Norbert College	17	24	×	×	×	×	×	×	×	×	×	×	@	×	@	@	@	@	×	×	@	@	@	@	@	@
Saint Olaf College	23	4			@	@					@		@													
Saint Paul's College	30	14					@	@	@	@	@	@	@	@	@	@	@	@	@	@						
Saint Peter's College	16	2										@	@													
Saint Petersburg Junior College	29	2																	×							@
Saint Pius X Seminary	31	1																								@
Saint Vincent College	17	8	@	@	×	@	@	×	×	@																
Saint Vincent's School of Nursing	11	1		×																						
Saint Xavier College	16	8														@	×	×	×	@	×	@	@			
Salem College (NC)	23	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@
Salem College (WV)	11	4											@	×	×	@										
Salem Community College	31	1												@												
Salisbury State College	07	5	@															×	×	@	@					
Sam Houston State University	07	4															×	@	@	×						
Samford University	21	1			×																					
San Francisco Art Institute	13	4				×	×									×		×								
San Francisco Conservatory of Music	15	0																								@
San Jose City College	29	1																						@	@	@
San Luis Rey College	18	3																				×		@		@
Santa Barbara City College	29	3																								
Santa Clara University	05	12	@	@	@	×	@							×	@	×	×	@	×	@						
Sarah Lawrence College	14	9		×	@									×	×	×		@	@	@	@					
Schenectady County Community College	27	6											×	@		@		@	@	×						
School of the Art Institute of Chicago	12	8	×	@	×	×	×	×	×	@																
School of the Museum of Fine Arts	11	3			×	×	×																			
School of Visual Arts	11	2				×	×																			
Schreiner College	31	16				@	@	×	@	×		@	@	@	×	×	@	×	@	@	@	@				
Scripps College	13	22	@	@	×	×	×	×	@	×	×	×	×	×	×	×	@	×	×	×	×	×	×	@		
Seattle Pacific University	22	10					×	×	×	×	@	@	×	×	×	×										
Seattle University	17	14					×	×	×	@	@	@	×	×	×	×							@	×	@	@
Seton Hall University	04	8						×								×	×	×	@	×	×	@				
Seton Hill College	17	8	@	@	@	@	×	@								@					×					
Shaw College-Detroit	24	1																		@						
Shaw University	35	5										×	×	×			@			×						
Shepherd College	07	3																			×	×	@			
Shippensburg University	08	8	@		×		@		@	@	@	×					@									
Shorter College	20	2	@	×																		@				
Siena College	18	2													@											
Siena Heights College	16	1														@										
Silver Lake College	16	5									×	@	@	@	×											
Simmons College	13	17	×	@	@	@	×	×	×	×	×	@	@	@	@	@	@	@	@							
Simon's Rock of Bard College	15	6												@	@	×	@	@	@							

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Simpson College (CA)	20	1																@								
Simpson College (IA)	21	20	×	×	@	@	×	@	@	@	@	@	@	@	@	@	×	×	@	@	@	@				
Sinclair Community College	28	5															@	@			@	@	@	@	@	
Sioux Falls College	22	2															@	×								
Skidmore College	13	15	@	@	×	@	@	×	@	@	@	@	@	@	@	@	@									
Slippery Rock University	08	3									@	×		×												
Smith College	14	14	@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Snow College	27	2						×					@													
South Carolina State College	34	8												@	@	@	×	×	@	×	@					
South Dakota State University	02	4	@	@	×	×																				
Southeast Missouri State University	07	6					×	×							×	×	×		×							
Southeastern Massachusetts University	08	6					@		@									@	×	@	@					
Southern Arkansas University	07	21	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@			
Southern Baptist College	20	14	@	@	@		@	@	@	@	@	@	@	@	@	@	×									
Southern College of Technology	07	3		×	×	×											×		×		@		@	@	@	×
Southern Illinois U-Carbondale	01	7																								
Southern Illinois University-Edwrdsville	08	18	@	@	@	@	@	@	@	×	×	×	×			×	×	×	×	@	@	@				
Southern Methodist University	05	12	@	×												×	@	×	×	×	×	×	@	@		×
Southern Nazarene University	20	3													@	@	@									
Southern Oregon State College	07	1																×								
Southern Seminary Junior College	31	3									@			@	@											
Southern Union State Junior College	28	1	×																							
Southern University-Baton Rouge	34	3																×	@	@						
Southern University-New Orleans	34	1										@														
Southwest State University	07	9														×	×	×	×	×	@	@	×	@		
Southwest Texas State University	07	1				×																				
Southwestern Adventist College	20	1															×									
Southwestern College	22	15		@		×	@	×	×	×	×	×	@	@	@	@	@	@	×							
Southwestern University	22	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Spalding University	17	12			×		@	@								×	×	×	×	@	@			@	@	@
Spelman College	35	22	@	@	@	@	@	×	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@		
Spring Arbor College	21	13	@	@	@	×	@	@	@	@	@	@	@	@	@											
Spring Hill College	17	23		×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Springfield College	12	10	@													×	×			@	×	@	@	@	@	@
Springfield College in Illinois	30	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@		
Stanford University	06	17	@	@	@	@	@	@	@	@	@	@	@	@	@								×	×	×	@
Stark Technical College	27	1															@									
Stephen F. Austin State University	07	1																		×						
Stephens College	11	24	×	@	@	@	@	@	@	@	@	@	×	×	×	@	@	@	@	@	@	@	@	@	@	@
Stetson University	23	12	×	×	×	@	×	@	@	×	×	@	×								@					
Stevens Institute of Technology	13	24	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	×	@	@	@	@	@	@	@
Stillman College	35	1	@																							
Stockton State College	07	6	@					×							@	@	@	×								
Sue Bennett College	31	12	@	@	@	@	×	@	@	@	@							@	@	@						
Suffolk University	11	6	×	×	×	×	@	×																		
Sullivan County Community College	28	3										@	×										×			
Suomi College	32	12							@		@	@			@	×	@	@	@	@	@	@	@	@		
Susquehanna University	23	14	@	@	@	@	@	@	@	@	@	@						@	@	@	@					
Swain School of Design	11	2									@	@														
Swarthmore College	14	24	@	@	@	@	@	@	@	@	@	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Sweet Briar College	13	18	@					@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
SUNY at Albany	03	1												@												
SUNY at Binghamton	03	15	@	@	@	@	@	@	@	@	@	@	@	@	×	×	×									
SUNY at Buffalo	03	9	@	@	@	@	@	@	@	@		@														
SUNY at Stony Brook	03	22	@	@	@	×	×	@	@	@	@	×	×	×	×	×	×	×	×	×	×			@	@	@
SUNY A&T College at Alfred	29	19	@			@	@	@	@	@	@	@	@	@	@	@	@			@	@	×	×	@	@	
SUNY A&T College at Canton	29	3									×		×	@												
SUNY A&T College at Cobleskill	29	19		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@				@	
SUNY A&T College at Delhi	29	23	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
SUNY A&T College at Morisville	29	1									@															
SUNY College at Brockport	08	21	×	×	@	@	@	×	×	@	×	×	@	×	×	@	@		×	@	@	@	@	@		
SUNY College at Geneseo	09	22	@	@	@	@	@	@	@	×	@	@	@	×	@	@	@	@	@	@	@	@	@	@		
SUNY College at Oswego	09	12								×						@	×	@	@	×	×	×	@	@	@	@
SUNY College at Potsdam	09	21	×	×	×	×	×	@	@	@	@	×	×	@	@	@	@	@	×	@				@	@	@
SUNY College at Purchase	09	6	×	×		×		@	@	@																
SUNY College of Environ Scie & Forestry	07	1			×																					
SUNY College-Buffalo	09	3							@	@	@															
SUNY College-Cortland	09	7																	@	@	×		×	@	@	@
SUNY College-Fredonia	08	3										×	×	×												
SUNY College-New Platz	08	6	@			×				×	@	@	@													
SUNY College-Old Westbury	10	2											×				@									
Taft College	25	1					×																			
Talladega College	35	17			@			×	@	@	×	@	@	×	@	×	×		@	@	@	@	@	@		
Tarkio College	21	5																				×	@	@	×	×
Taylor University	12	2	×	@																						
Tennessee State University	34	2												×							@					
Texas A&I University	07	1														×										
Texas Christian University	04	23	@	@	@	@	@	@	@	@	@	@		@	@	×	@	@	@	@	@	@	@	@	@	@
Texas College	35	1					×																			
Texas Lutheran College	21	4		@	@	@	×																			
Texas Southern University	34	6						×		×	@	×	×				×									
Texas Tech University	01	9			×			@		@	@											×	×	×	@	@
Texas Wesleyan College	20	4					@	@	@									@								
Texas Woman's University	01	1												@												
Thiel College	22	12		@	×	×	×	×	×	@	@	@	×	×	×											
Thomas More College	18	5	×	×			@	×		×																
Thomas Nelson Community College	27	1														@										
Tougaloo College	35	4		@	@	@	×																			
Touro College	11	5	×				×	×	×		×															
Towson State University	08	8	×	@	@	@	@	×	@	@																
Transylvania University	12	8													@	×			×	@	@	@	@	@		
Trenton State College	09	7	@	@	@	@	@												×	@						
Trinity Christian College	12	1																@								
Trinity College (CT)	14	12	@	@	×	@	×	@	@	@	@		@	@	@											
Trinity College (DC)	17	23	@	@	@	@	@	@		@	@	@	@	@	×	×	@	@	@	@	@	@	@	@	@	@
Trinity College	16	1	@																							
Trinity University	23	14	@	×	@	@	@	×		@	@				×	×	@	×	@	×						
Tufts University	06	6	×			×												×				×		@		×
Tulane University	06	22	@	@	@	×	×	×	@	@	@	@	@		×	@	×	×	×	×	×		×	@	@	@

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Tunxis Community College	27	2														×	@									
Tusculum College	11	2												@	@											
Tuskegee University	35	12	@	@	×	@	@	@	@	@	@	×	@	@												
Tyler Junior College	29	2																						×	@	
U of the Arts	12	16	×	×	@		@	@	@	@	×	×	×	×	×	×			×	@	@					
U of the District of Columbia	34	9		×							×	×	×	@	×		×	@	×							
U of the Pacific	04	20	×	@	@	@	@	@	@	@	@	@	@	@	@	×				×	×	×	×	@		×
U of the Sacred Heart	16	2																					×	×		
U of the South	23	7	@	×	×	×	@	@												@						
U of the Virgin Islands	34	1								@																
U of Akron	01	8																	×	×	×	×	×	@	@	@
U of Alabama	02	1		×																						
U of Alabama-Birmingham	01	2												×								×				
U of Alabama-Huntsville	02	10				@	@								@	@	@	×	@	@	@	@				
U of Alaska-Anchorage	10	1	×																							
U of Alaska-Fairbanks	01	8				×	×													×	×	×	×	@		×
U of Arizona	01	6	@	@	@	@	×	×																		
U of Arkansas-Little Rock	07	10	@			@	×	×	×	×	×	×	×	×												
U of Arkansas-Pine Bluff	34	23	×	@	@	@	@	×	×		@	×	×	×	×	×	×	@	×	@	×	×	×	@	×	@
U of Bridgeport	12	15	×	×	×	×	×	×	×	@	×	×	×	×		×	×	×								
U of California-Berkeley	03	22	×	×	×	×	×	×	×	×	×	×	×	×	@	@	@	×	×	×	×			×	×	×
U of California-Davis	03	6		@		×										@								@	×	×
U of California-Irvine	03	19		×	@	@	×	×	×	×	×	×	×	×	×	×	×	×	@					@	@	@
U of California-Los Angeles	03	21	@	@	@	@	@	×	@	×	×	×	×	×	×	×	@	@				@	×	×	@	×
U of California-Riverside	03	12		@				×			×	×	×	×	×							@	@	@	@	@
U of California-San Diego	03	5		@		@		×															×	@		
U of California-Santa Barbara	03	23	×	×	×	×	×	×	×	×	×	×	×	×		×	×	@	×	@	@	×	×	@	×	@
U of California-Santa Cruz	03	21	@	@	@	@	@	@	@	×	×	@		@	×		@	@	@	@	@	@	@	@	@	
U of Central Florida	08	5																	@			×	×			
U of Charleston	11	12	×	×	×	×												×	×		×	×	@	@	@	@
U of Cincinnati	02	4		×			×						@	×												
U of Colorado-Boulder	03	7		×	×																	×	×	×	×	×
U of Colorado-Denver	01	5															@	×	×	×		@				
U of Connecticut	02	12			@		@		@		×		×	@	@	@	×	×			×					@
U of Connecticut-Hartford	02	2					×				×															
U of Connecticut-Southeast	25	2					@				@															
U of Connecticut-Stamford	25	2					@				@															
U of Connecticut-Torrington	25	2					×				@															
U of Connecticut-Waterbury	27	2					×				×															
U of Dallas	18	7		×		×																×	@	×	×	@
U of Dayton	17	1																			@					
U of Delaware	02	22			@	@	@	@	@	×	@	@	@	@	×	@	@	×	@	×	@	×	@	@	@	@
U of Denver	04	19	@				×	×			×	×	×	@	×	@	×	×	×	@	×	×	@	@	@	@
U of Detroit	04	8												×		×			×			×	×	@	@	@
U of Evansville	21	4	×				×	×	×																	
U of Georgia	02	17			@	@	@	×	×	@	×	×	×	×	×				@	×			×	@	@	@
U of Hartford	12	11			@	@	×			@	@	@	@	×										@	×	×
U of Hawaii-Manoa	01	1	×																							
U of Houston-Univ. Park	01	4		×		×	×				×															

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of Idaho	01	4																	×	@					@	@
U of Illinois-Chicago Circle	08	4											×		×	×			×							
U of Illinois-Urbana-Champaign	03	12													@	@	×	@	@	×	@	@	@	@	×	×
U of Indianapolis	21	12		×	×	×	@	×	×	×	×	×	×	×	×							×	@	@		×
U of Iowa	02	5																			×	×	@	@	×	@
U of Kansas	02	5																			×	×	×	@	×	
U of Kentucky	01	10														×	×	@	×	×	×	@		@	×	@
U of La Verne	21	16	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×								
U of Louisville	01	19	×	@	@	@	@	@	@	@	@	@	@	@	×					@	@	@	@	@		@
U of Maine-Augusta	27	4																	×	@	@	@				
U of Maine-Bangor	26	1																	×							
U of Maine-Farmington	07	3																	×	@	@					
U of Maine-Fort Kent	07	5														@	×		×	@	@					
U of Maine-Machias	07	16	@	@	×	@	×	@	@	×	×	×							×	@	@	×	@	@		
U of Maine-Orono	02	10	@	×	×			@	@	@	@								×	@	×					
U of Maine-Portland	08	4	×																×	×	×					
U of Maine-Presque Isle	07	8	×	×	@	×							@						×	@	×					
U of Mary Hardin Baylor	22	1		@																						
U of Maryland Eastern Shore	34	3										×	×			@										
U of Maryland-Baltimore County	08	8					@						@	×	×	@	@	×	@							
U of Massachusetts-Amherst	03	22	@	@	@	@	@	@	@	@	@	@	@		@		×	@	@	@	@	@	@	@	@	@
U of Massachusetts-Boston	02	2						×								@										
U of Miami	04	15			@	@	@	@	@	@	@	@		@	@	@	@	@	@	@						
U of Michigan-Ann Arbor	03	11														×	@	×	×	×	×	×	@	@	@	@
U of Michigan-Dearborn	08	3											@	×					@							
U of Michigan-Flint	08	16	@	@		×	×	@		×	@	@	@	@	@	@	@	@	@	@						
U of Minnesota-Duluth	01	1														@										
U of Minnesota-Morris	08	6		×			×			×			×			@			×							
U of Minnesota-Twin Cities	02	2	×	×																			@	×	×	@
U of Mississippi	01	4																								
U of Missouri-Columbia	02	15		@	×	×	@	@	@	@	@	@	@									×	@	×	×	×
U of Missouri-Kansas City	01	20	@	@	@	@	@	×	@	×	×			×	@	×	×	@	@	@	×	@	@	@		
U of Missouri-Rolla	09	15	@	@	@			×		×	@		×			@	@	@		@		@	@	@	×	
U of Missouri-Saint Louis	01	20				×	×	×	×	×	×	@	×	×	×	×	@	×	@	@	@	@	@	@	×	
U of Nebraska-Lincoln	01	6																		×	×	×	×	×	@	
U of Nevada-Reno	01	6														@	×	×	×	@						@
U of New Hampshire	02	9			×			@							@		@	@					@	@	@	@
U of New Haven	11	2												@	×											
U of New Mexico	01	7								×		×										×	×	@	×	×
U of New Orleans	07	2																						@	×	
U of No. Carolina-Charlotte	08	1															@									
U of North Carolina-Chapel Hill	03	24	@	@	@	@	@	@	@	@	@	@	@	@	×	@	×	@	@	×	@	@	×	×	@	@
U of North Carolina-Greensboro	08	2		×	×																					
U of North Carolina-Wilmington	07	5						@				×	×	×	@											
U of North Dakota	02	23	×	@	@	@	@	@	@	@	@	@	×	@	@	@	×	@	@	×	×	×	@	@	@	
U of Northern Colorado	08	2																				@		×		
U of Northern Iowa	09	3								@					×	×										
U of Notre Dame	06	15	@	@	@	@	@		@	@	@	@	@			@	@	@	@	@						
U of Oregon	01	1													×											
U of Pennsylvania	06	16	×	@									×	×	×	@	×	×	×	@	×	×	×	@	@	@

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of Pittsburgh	02	12	@	@	×	×	×	@	@	×	×	×	×													@
U of Pittsburgh-Bradford	07	14	@	@	@	@	×	@	×	×	×	×	×	@	×		@									
U of Pittsburgh-Greensburg	27	10	@	@	@	@	@	@	@	@	@	@														
U of Pittsburgh-Johnstown	07	13	@	@	@	@	@	@	@			×	×	×	×	@				@						
U of Pittsburgh-Titusville	25	16	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@			×					
U of Portland	04	6	×	×	×	×	×	×																		
U of Puerto Rico	01	3						×																	×	×
U of Redlands	22	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@
U of Rhode Island	01	8	@										×	@	@	@							×	×		@
U of Richmond	13	9	@						@	@	@	@	@	@	×	@										
U of Rochester	05	24	@	@	@	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
U of San Diego	17	19	@	@	×	@	@	@	@	@	@	@	@	×	@	@	@						×	@	@	@
U of San Francisco	18	3	×	×																	@					
U of Science & Arts of Oklahoma	07	1				×																				
U of Scranton	18	10	@				×					@	@	×	@	@	@	@	@							
U of South Carolina	01	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	×	@	@	@	@	@
U of South Carolina-Aiken	07	12	@	@					×	×	×	@	@	@			@	@	×	@						
U of South Carolina-Beaufort	25	1			×																					
U of South Carolina-Coastal Carolina Col	07	18	@	×	×	@	×	×	×	×	×	@	@	@	×	@		×	@	@	@					
U of South Carolina-Lancaster	25	8			@								@	×	×		@	@	@	@						
U of South Carolina-Salkehatchie	25	5	@	@	×							@								@						
U of South Carolina-Spartanburg	28	2	@																	@						
U of South Carolina-Sumter	25	1			×																					
U of South Carolina-Union	25	8	@	×	@									@	@	@			@	×						
U of South Dakota (SD)	07	4															×	@	@		@					
U of South Dakota (SD)	02	1				×																				
U of South Florida	07	3										@	@	@												
U of South Florida-New College	09	7	×	×	@	@	@											@	@							
U of Southern California	05	13	@	@	@	@	×	×	×			×		×	×	×	×	×								
U of Southern Colorado	07	3								×															@	@
U of Tampa	12	19	@		×	@	@	@	@	@	×	×	×					×	×	×	×	×	×	×	@	@
U of Tennessee-Chattanooga	08	2																		@	@					
U of Tennessee-Knoxville	01	20	@	×		×	@	×				@	@	@	@	@	@	×	@	×	×	×	×	@	@	@
U of Texas--Austin	02	1												×												
U of Texas-Arlington	07	1												@												
U of Toledo	01	2	×																		×					
U of Tulsa	04	10				×											×		×	×	×	×	×	@	×	@
U of Vermont	02	24	@	@	@	@	@	@	@	@	@	×	×	×	@	@	×	×	×	×	×	@	@	@	@	@
U of Virginia	03	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		×	@	@		@
U of Washington	03	5	×	×	×																				@	@
U of Wisconsin-Green Bay	08	1																		×						
U of Wisconsin-La Crosse	08	7	×														@					×	×	×	×	×
U of Wisconsin-Madison	03	1																								×
U of Wisconsin-Milwaukee	02	17		@	@	@	@	@	@	×			×	×	@	×	@	@	@	@	@					@
U of Wisconsin-Parkside	08	3	×													×	@									
U of Wisconsin-River Falls	07	1		×																						
U of Wisconsin-Superior	07	2														@	×									
U of Wisconsin-Whitewater	08	19	@	@	@	@	×	×	×	×	×	×	×	×	@	@					@	@	@	@	@	
U of Wyoming	01	6					×				×												@	@	@	@
Union College (KY)	20	1																@								

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Union College (NE)	20	18					×	×	×	@		@	×	@	×	@	@	×	@	@	@	@	@	@	@	
Union College	14	16	×	@	×	@	×	@	@	@	@	@	@	@	@	×	@	@								
United States Air Force Academy	09	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
United States Coast Guard Academy	09	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
United States Military Academy	09	23	@	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
United States Naval Academy	09	18			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Unity College	11	5						×		×	×	@	@													
University College of Pace University	11	7			×			@				@		×		×		×				×				
Upsala College	22	10							×							×	×	×	@	@	@	×	@	@		
Urbana University	21	3														×	×	×								
Ursinus College	13	8	×	×	@	@				@	@	@	×												×	×
Utah State University	01	2																								
Utica College of Syracuse University	12	2															×	×								
Utica Junior College	34	11			×						@	@	@		@	@	×		@	@	@	@				
US Merchant Marine Academy	09	5											@	@		@	@		@							
Valley Forge Military Junior College	30	14	@				@	@	×	@		@	@	@	@	@	@	@	@	@	@					
Valparaiso University	23	24	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@
Vanderbilt University	06	24	@	@	@	@	×	@	@	@	@	×	×	×	@	@	×	×	×	×	@	@	@	@	@	@
Vassar College	14	24	×	×	×	@	@	@	×	×	×	×	×	×	×	@	@	@	@	@	×	@	@	@	@	@
Vermont Technical College	27	4	@	@	@	@																				
Victoria College	27	18	@			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Villa Julie College	31	1											@													
Villa Maria College	16	1													@											
Villa Maria College of Buffalo	31	16	×	@	@	@								@	@	@	@	@	@	@	@	@	@	@	@	
Villanova University	05	10	@	@	@	@	@	@		@			@						@	@						
Vincennes University	29	5					@	@	@	@	@															
Virginia Commonwealth University	01	14							×	×	@	@	@	×	@	@	×	×	×		×	×	×			
Virginia Intermont College	20	2			@													×								
Virginia Military Institute	08	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Virginia Polytechnic Inst and State U	02	21			@	@	@	×	×	×	×	@	×	@	@	×	@	@	@	@	@	@	×	@		×
Virginia State University	34	23	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	
Virginia Union University	35	16		@						×	×	@	×	×	@	@	@	@	×	×	@	@	@	@		
Virginia Wesleyan College	21	8	@	@	@	@	@	@	@	@																
Viterbo College	17	5														×	@	×	@	@						
Voorhees College (NY)	31	3																	@	×		@				
Voorhees College (SC)	35	1															×									
Wabash College	13	12							@	@	@	@	@	@	@	@	×	@	@	@						
Wagner College	22	12		×	×	×	×	×	@	×	@	×	×	×	@												
Wake Forest University	05	5	@			@		@			@	@														
Waldorf College	32	4	@	@	@	×																				
Walla Walla College	21	3														@	×	@								
Walsh College	17	21	×	×	×	×	@	×	@	×	×	@	@	@	×	@	@	@	@	@	@	@	@	@		
Warner Pacific College	20	2											×	@												
Warren Wilson College	21	3																×	@	@						
Washburn University of Topeka	07	2																							×	@
Washington and Jefferson College	13	10	@	@	@	@	@	×	@	@	@	@														
Washington and Lee University	14	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Washington College	13	12	@	@	@	@	@	@								×		×	×					×	@	@

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Washington State University	02	10														×	×	×	×	×	×	×		@	@	@
Washington University	05	11											×	×	×	×	×		×	×	×			@	@	@
Wayland Baptist University	20	5																			@	@	×	×	@	
Wayne State University	01	7	@	@	×									×	×			×			@					
Waynesburg College	21	6	@										×	@					@	@	@					
Webb Institute of Naval Architecture	14	17	@					@	@	@	@	@	@	@	@	@	@	@	×	@	@		@	×		
Webber College	30	3																	×	×	×					
Weber State College	07	1							×																	
Webster University	12	19	×	×	×	×	×	×	×	×	×	×	×	×	×	×	@	×	@	×	@					
Wellesley College	14	22	×	@	@	×	@	@	@	@	@	×	×	@	×	@	@	×	×	×	@			@	@	@
Wells College	13	8	@	@	×	@	×	×							@			×								
Wentworth Institute of Technology	32	16		@	@	×		×				@	@		×	@	×	×	@	@	@			@	@	@
Wesley College	11	1					×																			
Wesleyan College	21	19	@	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@				@	@	@
Wesleyan University	14	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
West Chester University	08	8		@		@		@		@		@	@	@							@					
West Los Angeles College	28	1																×								
West Virginia State College	07	17			×	×	×	×	×	×	×	×	@	@	@	@			×	×			@	@	×	
West Virginia University	01	7								@					×	×	@	@	×	×						
West Virginia Wesleyan College	21	1															@									
Westbrook College	12	3	×	×	×																					
Western Baptist College	24	1												×												
Western Carolina University	07	8														×	@	@	@	×	×	@	@			
Western Illinois University	08	21				×	×	×	×	×	×	×	×	×	@	×	×	@	@	@	@	@	@	@	@	@
Western New England College	11	24	×	×	×	×	×	×	@	@	@	@	×	@	@	×	×	×	×	@	@	×	×	@	×	@
Western New Mexico University	07	3			×								@	@												
Western Oregon State College	07	1					×																			
Western Washington University	09	5	@				@				@					@					×					
Western Wyoming College	27	9				×			×									×	@	@	×	×	@	×		
Westfield State College	08	4											×	@	@	@										
Westmar College	21	11	@	@	@	@				@	@	@	@					@	@	@						
Westminster College (MO)	22	17	@	@	@	@	@	@	@	@	@	@	@	@	@		@	×				@	@			
Westminster College (PA)	22	15	@	@	@	@	@	@	@	@	@	@	@						@	@	@					
Westminster College	21	3									×				×	×										
Westmont College	13	2	×	@																						
Wharton Community Junior College	28	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	
Wheaton College (IL)	13	7	@		@		@		@		@		@	@												
Wheaton College (MA)	13	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@
Wheeling Jesuit College	16	11	×	×	@	@	@	@						@		@	@	@	@							
Wheelock College	11	8		@					@	@	×	@	@	@	@											
Whitman College	13	24	×	@	@	×	@	×	@	×	×	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@
Whittier College	13	17	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@							
Whitworth College	12	4				@	@	@	×																	
Widener University	13	2															@	×								
Wilberforce University	35	9	@	@	@						×	@	@	@	@					×						
Wiley College	35	1		×																						
Wilkes College	13	8	@	@	@	@	@	@	@	×																
Willamette University	13	18	@	@	@	@	×	×	×	×	×	@	@	×	@	@	@	@	@	@						
William Carey College	20	14	×	×											×	×	×	×	×	×	×	×	×	@	@	@
William Jewell College	22	11	@	@	@	@	@	@	@	×	×	×	@													

Institution	Strat Cell	# of Years	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
William Paterson College	07	15	×	@	@	@	@	@	@	@	@	@	×	×	@	@	×									
Williams College	14	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Williamsport Area Community College	29	8	@			@	@												@	@	×	×	@			
Willmar Community College	27	4										@	@	@			@									
Wilmington College	21	7	@	@	@	×	×	×	×																	
Wilson College	12	2									@			@												
Windham College	12	2															×							×		
Wingate College	11	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Winona State University	07	1	×																							
Winston-Salem State University	34	20	×	@	×	@		×			×	@	@	@	@	@	@	@	@	×	@	×	@	@	@	
Winthrop College	07	2															@	@								
Wittenberg University	22	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@
Wofford College	21	19	@						@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Wood Junior College	31	9					×						×	@	@	@	@	@	@	@						
Woodbury University	11	6	×	×	×	×	×	×																		
Worcester Junior College	30	9													×	×			×		×	@	@	×	@	@
Worcester Polytechnic Institute	14	17	@	@	×	@	@	@	@	×	@	×	@	@	@	@	@	@	×							
Worthington Community College	25	19				@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@		
Wytheville Community College	26	1														@										
Xavier University (LA)	35	17	@	×	×	×	×		@	@	@	×	@	@	@	@	@	@	×	@						
Xavier University (OH)	18	7					@										×	×	@	×	@		@			
Yale University	06	3																	×	×	×					
Yankton College	11	8						@	×												@	×	×	@	@	@
Yeshiva University	06	1															×									
Yuba College	28	13									@	@	@	×	×	×	@	×	@	@	×	@	@			

Appendix E

Precision of the Normative Data and Their Comparisons

Appendix E

The Precision of the Normative Data and Their Comparisons

So far as *random* errors are concerned, the standard error of a categorical percentage is a function of that group and the number of participants (unweighted) in the norm group. Approximate standard errors are presented for various item response percentages, by size of the norm group, are presented in Table E-1. If one allows for finite sampling and stratification, values would be somewhat lower. Primarily, however, stratification ensures some sampling in all sectors of higher education and provides a basis in the weighting procedures for disproportionate sampling of institutions. In comparisons involving item response, standard error of the difference is approximately equal to the square root of the sum of shared sampling errors.

A potentially important source of error in the stratification sampling is the nonrepresentativeness of the samples within each stratification cell. Although reasonable precautions are taken to minimize known sources of systematic bias, the data are subject to some unknown degree of constant and nonrandom sampling errors. A participating institution must be cautious when it compares its own summary data with the data for the corresponding national norms group, especially when the institution is small or when the campus has not surveyed all its entering freshmen.

While comparisons of data since 1975 with earlier published national norms from the first nine freshmen survey reports (1966-1974) are possible, it is recommended that such comparisons not be done until the publication of a revised set of norms for these earlier years that are based on the stratification scheme employed since 1975. Those who wish to compare the pre- and post-1975 data before the revised norms are available should keep in mind the following considerations:

1. In addition to the revised selectivity measures introduced in 1975, major changes in the stratification and weighting procedures were introduced in 1968 (the addition of cells for black colleges and the use of selectivity levels) and again in 1971 (the addition of cells for public and private universities, public and private black colleges, and the use of size in the stratification scheme for two-year institutions).

2. The *exact* wording of items on the survey instrument and norms reports should be examined carefully since certain items may not be comparable because of minor word changes over the course of the survey. Minor changes can and do affect the comparability of items on the questionnaire.

3. While every effort has been made to maximize the comparability of the institutional sample from year-to-year (repeat participation runs about 90 percent), comparability is reduced somewhat by (a) non-repeat participation, and (b) year-to-year variation in the quality of data collected by continuing institutional participants.

Table E-1

Standard Errors of Categorical Response Percentages for Norms Groups of Various Sizes[a]

Number of Actual Participants in a Norms Group[b]	Standard Error			
	1% or 99%	10% or 90%	25% or 75%	50%
2,500	.199	.600	.866	1.000
5,000	.141	.424	.612	.707
7,500	.115	.347	.500	.577
10,000	.100	.300	.433	.500
25,000	.063	.190	.274	.316
50,000	.044	.134	.194	.224
75,000	.036	.110	.158	.183
100,000	.031	.095	.137	.158
150,000	.026	.077	.112	.129
175,000	.024	.071	.104	.120

[a]Assumes simple random sampling of students from an infinite population.

[b]To determine 1989 population counts, please refer to Table A-3, column 2.

Appendix F

Sample Profile Report Provided to Participating Campuses

Cooperative Institutional Research Program
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SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1989)

ACME UNIVERSITY
TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LEN SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
NUMBER OF STUDENTS (#)	4786.	49.6	50.4	100.0	50.1	49.9	100.0	49.3	50.7	100.0
YEAR GRADUATED FROM HIGH SCHOOL	4743.									
1989		99.1	99.4	99.2	98.3	99.0	98.7	97.3	98.4	97.8
1988		0.0	0.4	0.3	1.2	0.7	1.0	1.5	1.0	1.2
1987		0.1	0.1	0.1	0.2	0.1	0.1	0.4	0.2	0.3
1986 OR EARLIER		0.1	0.0	0.1	0.2	0.1	0.2	0.7	0.3	0.5
H.S. EQUIVALENCY (G.E.D. TEST)		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
NEVER COMPLETED HIGH SCHOOL		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AGE ON DECEMBER 31, 1989	4767.									
16 OR YOUNGER		0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1
17		3.6	8.3	6.0	3.2	4.2	3.7	1.9	2.9	2.4
18		78.1	81.5	79.8	77.3	82.1	79.7	71.6	79.6	75.6
19		15.1	11.7	13.5	18.1	13.1	15.6	24.3	16.4	20.3
20		0.6	0.2	0.4	0.9	0.4	0.7	1.3	0.6	0.9
21-24		0.0	0.1	0.1	0.3	0.2	0.2	0.7	0.3	0.5
25-29		0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1
30-39		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
40-54		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55 OR OLDER		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RACIAL BACKGROUND (1,2)	4695.									
WHITE/CAUCASIAN		45.4	40.3	42.8	78.7	77.4	78.0	87.8	85.2	86.5
BLACK/NEGRO/AFRO-AMERICAN		5.6	10.1	8.1	5.3	7.8	6.6	4.2	7.3	5.7
AMERICAN INDIAN		2.0	2.8	2.4	0.8	1.1	1.0	0.7	0.9	0.8
ASIAN-AMERICAN/ORIENTAL		34.0	30.5	32.2	11.2	9.9	10.6	4.9	4.2	4.6
MEXICAN-AMERICAN/CHICANO		11.4	14.3	12.9	2.4	2.6	2.5	1.9	2.2	2.0
PUERTO RICAN-AMERICAN		0.6	0.5	0.6	1.1	0.9	1.0	0.5	0.5	0.5
OTHER		7.2	8.9	8.1	3.0	3.5	3.3	1.7	1.6	1.6
AVERAGE HIGH SCHOOL GRADE	4737.									
A OR A+		29.9	33.5	36.6	24.0	28.4	26.2	14.9	18.2	16.6
A-		33.1	35.1	34.2	26.2	29.1	27.7	17.4	19.8	18.6
B+		17.0	19.1	18.0	24.7	23.8	24.2	21.0	23.3	22.1
B		7.3	10.2	9.0	17.1	14.0	15.5	24.5	24.6	24.5
B-		1.7	1.7	1.7	5.8	3.5	4.7	12.7	8.8	10.7
C+		0.4	0.3	0.4	1.9	0.9	1.4	6.8	4.1	5.4
C		0.0	0.1	0.0	0.4	0.2	0.3	2.7	1.3	2.0
D		0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
MILES FROM COLLEGE TO HOME	4807.									
5 OR LESS		2.4	2.1	2.2	2.8	2.2	2.5	3.8	3.8	3.8
6-10		4.2	4.2	4.2	3.0	2.9	3.0	5.6	6.1	5.8
11-50		33.9	34.3	34.1	18.8	17.2	18.0	19.0	18.9	18.9
51-100		12.6	12.7	12.7	20.3	20.4	20.3	17.9	18.7	18.3
101-500		30.8	30.6	30.7	45.4	46.8	46.1	44.1	42.2	43.1
MORE THAN 500		16.0	16.0	16.0	9.6	10.5	10.1	9.7	10.3	10.0

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ACME UNIVERSITY
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ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	TOTAL FIRST-TIME FULL-TIME FEMALE	TOTAL FIRST-TIME FULL-TIME TOTAL	PUB UNIV-LGN SELECT MALE	PUB UNIV-LGN SELECT FEMALE	PUB UNIV-LGN SELECT TOTAL	PUBLIC UNIVERSITIES MALE	PUBLIC UNIVERSITIES FEMALE	PUBLIC UNIVERSITIES TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
ESTIMATED PARENTAL INCOME	4468.									
LESS THAN $6,000		2.1	2.6	2.3	1.4	1.7	1.6	1.6	2.2	1.9
$6,000 - $9,999		1.3	2.7	2.0	1.6	1.8	1.7	1.7	2.0	1.8
$10,000 - $14,999		3.6	4.2	3.9	2.9	3.3	3.1	3.2	4.1	3.6
$15,000 - $19,999		3.8	3.3	3.5	3.0	3.2	3.1	4.0	4.3	4.1
$20,000 - $24,999		4.6	4.9	4.7	4.3	4.2	4.3	5.5	5.7	5.6
$25,000 - $29,999		4.7	4.8	4.7	4.2	4.3	4.2	5.6	6.0	5.8
$30,000 - $34,999		5.4	6.3	5.9	5.5	6.2	5.8	8.0	8.0	8.0
$35,000 - $39,999		5.6	5.7	5.6	6.2	6.3	6.3	7.8	8.0	7.9
$40,000 - $49,999		8.8	9.9	9.4	11.1	11.7	11.4	13.1	12.5	12.8
$50,000 - $59,999		10.9	10.0	10.4	13.4	12.6	13.1	13.2	12.8	13.0
$60,000 - $74,999		15.0	15.2	15.1	15.7	17.1	16.4	13.4	13.5	13.4
$75,000 - $99,999		13.8	12.9	13.4	13.6	12.0	12.8	10.1	9.6	9.8
$100,000 - $149,999		11.4	9.6	10.5	9.8	8.8	9.3	7.3	6.2	6.7
$150,000 OR MORE		8.9	7.9	8.4	7.1	6.6	6.9	5.5	5.2	5.4
STATUS OF PARENTS	4770.									
LIVING WITH EACH OTHER		78.4	74.8	76.6	77.7	74.7	76.2	76.4	73.2	74.8
DIVORCED OR SEPARATED		18.0	22.1	20.0	18.9	21.7	20.3	19.8	22.8	21.3
ONE OR BOTH DECEASED		3.6	3.2	3.4	3.4	3.6	3.5	3.8	3.9	3.9
STUDENTS STRONGLY AGREED WITH CHARACTERIZATION OF PARENTS AS										
INTERESTED IN INTELL PURSUITS	4714.	39.3	49.3	44.9	34.6	44.5	39.6	27.7	35.3	31.6
INTERESTED IN CULTURAL PURSUITS	4707.	19.2	26.3	22.8	16.4	22.6	19.5	11.6	16.3	14.0
DEEPLY RELIGIOUS	4703.	13.4	11.9	12.6	11.6	12.2	11.9	12.6	12.1	12.4
INTERESTED IN POLITICS	4651.	11.3	11.8	11.5	11.9	11.5	11.7	9.9	10.1	10.0
DEEPLY CONCERNED ABOUT CHILDREN	4721.	76.4	79.8	78.1	75.2	80.4	77.8	71.7	77.8	74.8
FINANCIALLY COMFORTABLE	4695.	25.9	24.1	25.0	24.6	24.8	24.7	21.6	21.7	21.7
HAVING HIGH ASPIRATIONS FOR ME	4714.	74.1	78.3	76.2	68.8	75.7	72.2	64.7	71.9	68.3
DIFFICULT TO TALK WITH	4707.	7.4	8.6	8.0	6.8	7.0	6.9	7.1	7.3	7.2
HAVE HAD REMEDIAL WORK IN	4780.									
ENGLISH		4.4	2.8	3.6	3.8	2.2	3.0	4.8	3.0	3.9
READING		3.9	2.0	2.9	3.2	1.7	2.4	4.2	2.7	3.4
MATHEMATICS		6.7	9.5	8.1	5.9	8.2	7.0	7.1	9.4	8.4
SOCIAL STUDIES		3.2	1.7	2.5	2.8	1.3	2.0	3.6	2.2	2.9
SCIENCE		3.8	4.1	4.0	3.0	2.7	2.9	3.9	2.9	3.4
FOREIGN LANGUAGE		3.7	2.4	3.1	3.6	2.0	2.8	4.1	2.8	3.4
WILL NEED REMEDIAL WORK IN	4749.									
ENGLISH		15.7	14.0	14.9	9.7	7.8	8.7	9.1	7.1	8.2
READING		5.6	4.9	5.2	3.6	2.6	3.1	3.0	2.3	2.7
MATHEMATICS		14.3	29.9	22.2	13.8	21.6	17.7	16.5	25.7	21.2
SOCIAL STUDIES		3.7	4.7	4.2	2.1	2.3	2.2	1.9	2.7	2.3
SCIENCE		12.3	21.0	16.7	7.5	11.3	9.4	7.0	11.6	9.3
FOREIGN LANGUAGE		11.3	10.4	10.8	9.0	8.0	8.5	9.5	8.4	9.0

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		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
ACTIVITIES ENGAGED IN BY STUDENT DURING THE PAST YEAR										
USED A PERSONAL COMPUTER (3)	4743.	51.8	37.3	44.3	40.1	31.3	35.7	36.5	29.8	33.1
ATTENDED A RELIGIOUS SERVICE	4751.	67.2	76.8	72.0	73.4	91.2	77.3	78.0	84.4	81.3
WAS BORED IN CLASS	4751.	96.0	97.1	96.6	96.3	97.5	96.9	95.5	97.0	96.3
PARTICIPATED IN DEMONSTRATION	4717.	28.7	31.1	29.9	32.5	32.2	32.4	32.9	34.9	33.9
WON VARSITY LETTER IN SPORTS	4733.	50.0	37.8	43.8	57.3	45.8	51.5	59.1	47.6	53.3
DIDN'T COMPLETE HOMEWORK ON TIME	4753.	67.8	65.4	66.6	73.2	67.7	70.4	72.2	66.4	69.3
TUTORED ANOTHER STUDENT	4717.	75.1	72.1	73.6	60.0	62.6	61.3	53.1	54.7	53.9
DID EXTRA CLASS WORK/READING (3)	4752.	12.9	17.7	15.3	10.3	12.2	11.2	9.2	12.5	10.9
STUDIED WITH OTHER STUDENTS	4750.	92.1	95.0	93.5	87.7	91.6	89.7	87.1	91.1	89.2
WAS A GUEST IN A TEACHER'S HOME	4740.	28.3	30.9	29.6	30.1	32.3	31.2	28.9	30.3	29.6
SMOKED CIGARETTES (3)	4757.	2.3	2.3	2.3	5.4	6.9	6.2	6.0	7.8	6.9
DRANK BEER	4750.	50.4	41.4	45.9	60.5	68.2	63.4	68.9	59.7	64.3
DRANK WINE OR LIQUOR	4731.	50.7	54.7	52.7	63.7	68.4	66.1	61.7	68.5	65.2
STAYED UP ALL NIGHT	4740.	79.7	83.0	81.4	78.1	80.5	79.3	78.8	80.3	79.9
SPOKE OTHER LANGUAGE AT HOME (3)	4750.	28.4	27.8	28.1	12.3	11.5	12.2	8.8	6.7	8.7
FELT OVERWHELMED (3)	4757.	17.9	35.5	26.8	15.1	32.6	23.8	14.1	34.9	21.6
FELT DEPRESSED (3)	4740.	6.8	11.9	9.4	6.9	11.4	9.2	6.3	10.6	8.5
ARGUED WITH TEACHER IN CLASS	4748.	51.1	39.2	45.1	54.3	41.2	47.7	53.1	40.7	46.8
TOOK SLEEPING PILLS	4754.	2.1	1.7	1.9	2.7	2.5	2.6	2.6	2.6	2.6
TOOK A TRANQUILIZING PILL	4747.	0.9	0.9	0.9	1.6	1.5	1.6	1.3	1.4	1.4
DISCUSSED PERSONAL PROB W/FRIEND	4758.	87.7	97.2	92.3	88.1	97.8	93.0	86.5	97.4	92.0
STUDIED IN THE LIBRARY (3)	4752.	14.3	21.0	17.9	13.3	17.6	15.5	12.5	16.7	14.6
PERFORMED VOLUNTEER WORK	4750.	71.2	79.4	75.3	66.0	76.1	71.0	61.5	69.1	65.3
VISITED ART GALLERY OR MUSEUM	4741.	61.1	70.9	67.0	62.1	70.5	66.3	56.3	62.6	59.5
WORRIED ABOUT CHOOSING CAREER	4748.	75.2	80.8	78.0	76.0	81.0	78.5	75.0	78.7	76.9
STUDENT'S RELIGIOUS PREFERENCE	4538.									
BAPTIST		4.3	6.2	5.3	6.7	9.1	7.9	8.9	10.9	9.9
BUDDHIST		2.2	2.1	2.2	1.1	0.7	0.9	0.5	0.3	0.4
CONGREGATIONAL		0.9	0.7	0.8	1.4	1.4	1.4	1.6	1.7	1.6
EASTERN ORTHODOX		1.1	1.1	1.1	0.6	0.9	0.9	0.7	0.7	0.7
EPISCOPAL		1.5	1.8	1.6	3.4	4.2	3.8	2.5	3.1	2.8
ISLAMIC		0.6	0.5	0.5	0.6	0.5	0.6	0.4	0.2	0.3
JEWISH		7.7	6.6	7.1	8.4	7.7	8.1	4.7	5.0	4.8
LDS (MORMON)		0.5	0.3	0.4	0.2	0.2	0.2	0.3	0.4	0.3
LUTHERAN		2.5	2.2	2.3	3.1	3.4	3.2	8.4	7.5	8.0
METHODIST		2.8	2.3	2.5	6.4	7.4	6.9	8.2	9.7	9.0
PRESBYTERIAN		6.0	7.3	6.6	5.7	6.0	5.8	5.3	5.6	5.5
QUAKER		0.2	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
ROMAN CATHOLIC		34.0	31.9	28.0	30.6	31.7	31.2	32.1	33.0	32.6
SEVENTH DAY ADVENTIST		0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2
OTHER PROTESTANT		5.0	4.3	4.7	3.5	4.0	3.7	4.0	3.9	4.0
OTHER RELIGION		5.8	6.1	5.9	4.6	4.7	4.7	4.2	4.5	4.4
NONE		34.5	26.1	30.3	23.2	17.6	20.4	17.8	13.0	15.4
STUDENT BORN-AGAIN CHRISTIAN?	4242.									
NO		84.3	84.1	84.3	86.3	83.7	85.0	80.3	79.1	79.9
YES		15.2	15.9	15.5	13.7	16.3	15.0	19.3	20.9	20.1

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		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
STUDENT RATED SELF ABOVE AVERAGE OR HIGHEST 10% IN										
ACADEMIC ABILITY	4750.	95.0	91.1	93.0	84.4	84.4	84.4	73.7	72.1	75.3
ARTISTIC ABILITY	4751.	36.6	34.3	35.4	32.0	28.3	30.1	30.0	26.2	28.1
COMPETITIVENESS	4730.	79.6	66.2	72.8	71.9	54.5	63.2	72.8	53.0	62.7
DRIVE TO ACHIEVE	4744.	86.0	87.3	86.3	76.3	77.7	77.0	73.2	73.2	73.2
EMOTIONAL HEALTH	4741.	71.0	63.7	67.7	65.9	58.8	62.4	66.9	58.0	62.4
FOREIGN LANGUAGE ABILITY	4752.	57.4	54.8	61.1	43.1	52.9	48.0	33.4	43.3	38.4
LEADERSHIP ABILITY	4747.	63.2	63.6	63.4	61.2	56.5	58.9	61.1	56.6	58.8
MATHEMATICAL ABILITY	4744.	82.0	61.5	71.7	70.7	52.5	61.6	62.3	42.8	52.4
PHYSICAL HEALTH	4748.	71.5	54.1	62.7	72.4	55.3	63.9	74.3	55.3	64.7
POPULARITY	4749.	51.5	45.5	48.5	52.5	43.6	48.1	54.3	45.5	49.8
POPULARITY WITH OPPOSITE SEX	4732.	45.2	38.7	42.0	48.6	39.6	44.1	50.1	42.0	46.0
PUBLIC SPEAKING ABILITY	4742.	44.1	42.1	43.1	39.7	36.0	37.9	36.3	34.4	35.4
SELF-CONFIDENCE (INTELLECTUAL)	4746.	82.7	70.3	76.3	73.0	58.7	65.8	68.0	53.6	60.7
SELF-CONFIDENCE (SOCIAL)	4747.	54.7	60.4	52.5	51.0	44.4	47.7	52.2	46.4	49.2
WRITING ABILITY	4745.	62.8	61.8	62.3	55.1	53.9	54.5	47.5	49.3	48.5
PRIOR CREDIT AT THIS INSTITUTION	4718.									
NO		96.1	96.7	96.4	96.3	96.9	96.6	96.7	96.8	96.7
YES		3.9	3.3	3.6	3.7	3.1	3.4	3.3	3.2	3.3
THIS COLLEGE IS STUDENT'S	4754.									
FIRST CHOICE		65.3	69.3	67.6	66.2	68.5	67.4	71.9	72.2	72.1
SECOND CHOICE		25.9	23.5	24.7	23.1	22.4	22.8	21.0	21.2	21.1
THIRD CHOICE		5.7	4.3	5.0	6.7	5.8	6.3	4.7	4.4	4.6
LESS THAN THIRD CHOICE		3.1	2.3	2.7	3.9	3.2	3.6	2.4	2.1	2.3
NUMBER OF OTHER COLLEGES APPLIED TO FOR ADMISSION THIS YEAR	4756.									
NONE		1.1	1.3	1.2	9.9	10.1	10.0	27.7	27.8	27.8
ONE		4.3	4.7	4.6	9.3	10.2	10.0	14.9	16.0	15.5
TWO		11.9	13.1	12.5	15.1	16.2	15.7	16.8	17.0	16.9
THREE		20.0	20.1	20.0	18.9	18.1	18.5	15.3	14.3	14.8
FOUR		18.4	19.4	18.9	15.7	15.1	15.4	9.7	9.3	9.5
FIVE		17.2	15.5	16.3	12.6	12.4	12.5	6.7	6.7	6.7
SIX OR MORE		26.9	25.9	26.4	17.8	17.9	17.8	9.9	8.8	8.9
NUMBER OF OTHER COLLEGE ACCEPTANCES THIS YEAR (4)	4707.									
NONE		2.4	1.4	1.9	4.5	3.3	3.9	11.2	8.3	9.7
ONE		12.4	11.3	11.8	19.2	17.8	18.5	26.2	27.0	26.6
TWO		21.9	20.1	21.0	23.7	23.4	23.6	24.7	24.9	24.8
THREE		23.6	25.1	24.3	22.1	22.2	22.1	18.4	18.8	18.6
FOUR		18.3	18.8	18.5	14.1	15.1	14.6	9.1	10.7	10.2
FIVE		10.3	11.3	10.3	7.9	8.5	8.2	4.8	5.4	5.1
SIX OR MORE		11.3	12.0	11.7	8.5	9.6	9.1	4.9	5.0	4.9

ACME UNIVERSITY
TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LOW SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
HOURS PER WEEK IN THE LAST YEAR SPENT ON										
NONE										
STUDYING OR DOING HOMEWORK.....	4693.	0.7	0.0	0.4	1.4	0.3	0.9	1.6	0.4	1.0
SOCIALIZING WITH FRIENDS.....	4428.	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2
TALKING W/TEACHER OUTSIDE CLASS.	4013.	7.7	4.2	6.0	6.6	3.6	5.1	8.1	4.5	6.3
EXERCISING OR SPORTS.....	4655.	1.8	3.8	2.8	1.7	3.0	2.3	1.9	3.2	2.6
PARTYING.....	4644.	18.7	19.2	18.9	10.9	12.2	11.5	10.9	12.7	11.8
WORKING (FOR PAY).....	4645.	45.5	39.6	42.5	32.8	28.6	30.7	25.9	24.4	25.1
VOLUNTEER WORK.....	4647.	42.3	33.7	38.0	46.3	37.5	41.9	50.0	44.4	47.2
STUDENT CLUBS AND GROUPS.....	4649.	17.0	8.0	12.5	22.5	10.3	16.4	30.9	15.8	23.2
WATCHING TV.....	4664.	4.8	7.7	6.3	5.6	6.7	6.2	4.4	6.0	5.2
HOBBIES.....	4639.	7.1	7.1	7.1	6.6	8.0	7.3	7.4	9.0	8.2
SIX OR MORE HOURS										
STUDYING OR DOING HOMEWORK.....	4693.	69.7	73.0	67.9	49.3	62.3	55.8	40.8	51.9	46.4
SOCIALIZING WITH FRIENDS.....	4423.	75.6	77.3	76.4	81.6	83.3	82.5	80.5	81.2	80.8
TALKING W/TEACHER OUTSIDE CLASS.	4013.	11.0	12.1	11.5	13.3	13.7	13.5	12.7	14.1	13.4
EXERCISING OR SPORTS.....	4655.	53.7	37.9	45.3	60.6	41.1	50.8	62.0	41.7	51.7
PARTYING.....	4644.	20.6	19.4	19.9	33.8	30.5	32.2	34.7	33.1	33.9
WORKING (FOR PAY).....	4645.	38.3	46.3	42.3	54.2	60.4	57.3	61.5	64.9	63.2
VOLUNTEER WORK.....	4647.	5.2	6.3	5.7	5.4	6.6	6.0	4.2	5.3	4.8
STUDENT CLUBS AND GROUPS.....	4649.	15.0	23.9	19.4	15.5	23.6	19.6	11.8	20.8	16.4
WATCHING TV.....	4664.	36.7	25.1	30.9	35.8	25.7	30.7	36.3	26.1	31.1
HOBBIES.....	4639.	28.1	21.2	24.6	32.4	21.6	27.0	32.4	22.1	27.2
SIXTEEN OR MORE HOURS										
STUDYING OR DOING HOMEWORK.....	4693.	18.2	24.1	21.2	10.2	16.3	13.2	6.5	9.9	8.2
SOCIALIZING WITH FRIENDS.....	4428.	29.3	30.5	29.8	38.7	37.4	38.1	37.8	37.6	37.7
TALKING W/TEACHER OUTSIDE CLASS.	4013.	2.1	2.8	2.4	3.7	3.1	3.4	3.5	3.4	3.5
EXERCISING OR SPORTS.....	4655.	15.3	7.3	11.3	20.5	9.8	15.1	22.0	10.6	16.2
PARTYING.....	4644.	3.7	2.1	2.9	7.3	4.3	5.8	8.1	5.7	6.9
WORKING (FOR PAY).....	4645.	17.2	21.0	19.1	31.5	31.1	31.3	39.0	36.7	37.8
VOLUNTEER WORK.....	4647.	1.1	0.9	1.0	1.5	1.4	1.4	1.1	1.1	1.1
STUDENT CLUBS AND GROUPS.....	4649.	2.7	5.2	4.0	3.2	4.8	4.0	2.6	4.6	3.6
WATCHING TV.....	4664.	6.7	5.1	5.9	7.5	4.2	5.8	8.2	4.6	6.4
HOBBIES.....	4639.	5.6	4.3	5.0	7.6	3.8	5.7	8.1	4.2	6.1
U.S. CITIZEN?	4689.									
YES.....		87.1	89.1	88.1	93.8	95.0	94.4	97.2	97.9	97.6
PERMANENT RESIDENT.....		10.5	8.7	9.6	4.5	3.7	4.1	1.9	1.5	1.7
NO.....		2.4	2.2	2.3	1.7	1.2	1.4	0.9	0.6	0.7

Cooperative Institutional Research Program
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ACME UNIVERSITY
SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1969)

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LCB SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
HIGHEST DEGREEE PLANNED ANYWHERE	4154.									
NONE		0.2	0.2	0.2	0.4	0.4	0.4	0.6	0.5	0.5
VOCATIONAL CERTIFICATE		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1
ASSOCIATE (A.A. OR EQUIVALENT)		0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.6	0.5
BACHELOR'S (B.A., B.S.)		8.7	9.0	8.7	15.9	16.0	16.0	28.5	26.0	27.3
MASTER'S (M.A., M.S.)		37.5	33.3	38.3	41.5	41.3	41.4	40.0	41.3	40.7
PH.D. OR ED.D		27.5	23.8	25.7	20.2	19.2	19.7	15.5	15.0	15.2
M.D., D.O., D.D.S., D.V.M		16.1	16.9	16.5	11.8	12.6	12.2	7.3	9.0	8.4
LL.B. OR J.D. (LAW)		9.5	10.5	10.0	8.8	9.5	9.2	5.9	6.3	6.0
B.D. OR M.DIV. (DIVINITY)		0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2
OTHER		0.5	0.1	0.4	1.0	0.7	0.8	1.0	1.1	1.1
HIGHEST DEGREE PLANNED AT FRESHMAN COLLEGE	3458.									
NONE		0.6	0.7	0.6	1.0	0.8	0.9	1.5	1.4	1.5
VOCATIONAL CERTIFICATE		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
ASSOCIATE (A.A. OR EQUIVALENT)		0.1	0.2	0.1	0.3	0.5	0.4	1.2	1.3	1.3
BACHELOR'S (B.A., B.S.)		54.5	58.5	56.5	66.1	69.4	67.7	64.8	65.3	65.1
MASTER'S (M.A., M.S.)		26.6	25.1	25.9	21.1	19.5	20.3	22.3	21.8	22.2
PH.D. OR ED.D		9.0	6.3	7.7	4.7	3.6	4.2	4.3	4.0	4.1
M.D., D.O., D.D.S., D.V.M		5.3	4.4	4.9	3.7	3.4	3.5	2.8	3.2	3.0
LL.B. OR J.D. (LAW)		3.3	3.9	3.6	2.3	2.0	2.2	1.7	1.6	1.6
B.D. OR M.DIV. (DIVINITY)		0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1
OTHER		0.5	0.6	0.5	0.7	0.6	0.7	0.9	1.0	0.9
REASONS NOTED AS VERY IMPORTANT OR ESSENTIAL IN CAREER CHOICE										
JOB OPENINGS REGULARLY AVAILABLE	4612.	54.7	57.2	55.9	60.7	54.5	62.6	67.4	69.8	68.6
RAPID ADVANCEMENT POSSIBLE	4911.	58.2	51.0	54.6	62.5	54.1	58.3	67.8	60.4	64.0
HIGH ANTICIPATED EARNINGS	4604.	71.6	60.6	66.0	72.4	62.2	67.3	76.2	67.0	71.5
WELL-RESPECTED/PRESTIGIOUS JOB	4620.	64.6	60.5	62.6	63.9	60.5	62.2	65.9	64.7	65.3
GREAT DEAL OF INDEPENDENCE	4630.	69.5	71.5	70.5	69.5	68.8	69.2	68.2	69.8	69.0
CHANCE FOR STEADY PROGRESS	4308.	78.4	76.9	77.7	77.8	76.7	77.2	79.3	78.7	79.0
MAKE IMPORTANT CONTRIB TO SOC	4314.	68.2	77.3	72.8	64.1	75.3	69.7	61.0	73.5	67.4
CAN AVOID PRESSURE	4595.	26.9	25.2	26.1	32.1	10.6	31.3	33.1	32.4	32.7
CAN WORK WITH IDEAS	4595.	75.9	73.7	74.8	73.7	72.6	73.2	73.2	72.5	72.8
CAN BE HELPFUL TO OTHERS	4533.	69.1	80.7	75.0	68.7	81.7	75.3	66.6	83.2	75.1
ABLE TO WORK WITH PEOPLE	4590.	67.0	80.0	73.5	67.2	81.0	74.1	65.3	82.0	73.8
INTRINSIC INTEREST IN FIELD	4550.	84.0	88.1	86.4	80.6	86.2	83.4	78.7	84.8	81.8
WORK WOULD BE CHALLENGING	4600.	78.0	82.8	80.4	72.9	79.5	76.2	71.4	79.4	75.5

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SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1989)

ACME UNIVERSITY
TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LOW SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
PROBABLE CAREER OCCUPATION	4526.									
ACCOUNTANT OR ACTUARY		1.2	1.8	1.5	3.4	3.4	3.4	4.3	4.8	4.5
ACTOR OR ENTERTAINER		1.7	2.6	2.1	1.1	1.3	1.2	0.9	1.0	0.9
ARCHITECT OR URBAN PLANNER		2.1	1.5	1.8	2.3	1.3	1.8	3.8	1.5	2.6
ARTIST		1.0	1.4	1.2	1.1	1.4	1.2	1.2	1.6	1.4
BUSINESS (CLERICAL)		0.2	0.6	0.4	0.3	0.4	0.3	0.3	0.5	0.4
BUSINESS EXECUTIVE (MANAGEMENT)		13.0	9.9	11.4	14.1	9.3	11.7	12.4	9.6	11.0
BUSINESS OWNER OR PROPRIETOR		3.4	1.0	2.2	3.7	1.6	2.6	4.1	1.8	2.9
BUSINESS SALESPERSON OR BUYER		0.6	0.3	0.4	0.8	0.7	0.7	1.1	1.4	1.3
CLERGY (MINISTER,PRIEST)		0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1
CLERGY (OTHER RELIGIOUS)		0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0
CLINICAL PSYCHOLOGIST		0.5	1.9	1.2	0.7	3.4	2.1	0.5	2.9	1.8
COLLEGE TEACHER		1.2	0.7	0.9	1.0	0.8	0.9	0.5	0.4	0.5
COMPUTER PROGRAMMER OR ANALYST		2.0	0.7	1.3	2.7	0.9	1.8	2.7	0.9	1.8
CONSERVATIONIST OR FORESTER		0.2	0.3	0.2	0.5	0.3	0.4	1.0	0.3	0.7
DENTIST (INCLUDING ORTHODONTIST)		0.7	0.4	0.5	1.0	0.5	0.7	0.7	0.6	0.7
DIETITIAN OR HOME ECONOMIST		0.0	0.3	0.2	0.0	0.2	0.1	0.1	0.6	0.3
ENGINEER		18.3	5.7	12.0	15.2	3.3	9.2	21.3	4.4	12.8
FARMER OR RANCHER		0.1	0.0	0.0	0.2	0.0	0.1	1.0	0.1	0.5
FOREIGN SERVICE WORKER		0.7	2.1	1.4	1.0	2.6	1.8	0.7	1.5	1.1
HOMEMAKER (FULL-TIME)		0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1
INTERIOR DECORATOR (INCL DESIGN)		0.1	0.4	0.2	0.0	0.4	0.2	0.0	1.2	0.6
INTERPRETER (TRANSLATOR)		0.0	0.4	0.2	0.1	0.5	0.3	0.1	0.4	0.2
LAB TECHNICIAN OR HYGIENIST		0.2	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3
LAW ENFORCEMENT OFFICER		0.1	0.0	0.1	0.5	0.1	0.3	0.3	0.2	0.6
LAWYER (ATTORNEY) OR JUDGE		9.0	11.7	10.3	9.4	9.4	9.4	6.2	6.9	6.6
MILITARY SERVICE (CAREER)		0.4	0.0	0.2	0.7	0.1	0.4	1.2	0.2	0.7
MUSICIAN (PERFORMER,COMPOSER)		1.2	0.4	0.8	1.1	0.6	0.8	1.2	0.8	1.0
NURSE		0.0	0.7	0.4	0.1	1.5	0.8	0.1	3.0	1.6
OPTOMETRIST		0.2	0.7	0.4	0.2	0.4	0.3	0.4	0.3	0.3
PHARMACIST		0.3	0.4	0.4	0.7	1.6	1.1	1.5	2.5	2.0
PHYSICIAN		15.3	15.5	15.5	10.4	10.0	10.2	5.8	5.8	5.8
SCHOOL COUNSELOR		0.1	0.3	0.2	0.1	0.3	0.2	0.1	0.4	0.2
SCHOOL PRINCIPAL/SUPERINTENDENT		0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0
SCIENTIFIC RESEARCHER		4.5	2.6	3.5	3.5	2.5	3.0	2.7	2.0	2.3
SOCIAL,WELFARE,RECREATION WORKER		0.2	0.5	0.4	0.3	1.0	0.6	0.2	1.3	0.8
STATISTICIAN		0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
THERAPIST (PHYS,OCCUP,SPEECH)		0.6	0.8	0.7	0.8	3.0	1.9	1.0	3.7	2.4
TEACHER (ELEMENTARY)		0.2	0.7	0.4	0.2	2.8	1.5	0.3	4.9	2.6
TEACHER (SECONDARY)		0.3	1.8	1.1	1.7	3.2	2.4	2.0	3.2	2.6
VETERINARIAN		0.1	0.6	0.3	0.3	1.0	0.7	1.0	1.7	1.3
WRITER OR JOURNALIST		2.0	4.8	3.4	2.4	4.0	3.2	2.0	3.6	2.8
SKILLED TRADES		0.1	0.0	0.1	0.2	0.1	0.1	0.4	0.1	0.2
OTHER CAREER		3.9	5.2	4.6	4.5	6.8	5.7	5.5	7.9	6.7
UNDECIDED		13.5	21.1	17.3	13.4	18.9	16.2	10.3	14.9	12.7
TWIN STATUS	4043.									
NO		98.7	98.5	98.6	98.6	98.3	98.4	98.5	98.4	98.4
YES - IDENTICAL		0.5	0.7	0.6	0.6	0.8	0.7	0.6	0.7	0.6
YES - FRATERNAL		0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9

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TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LCA SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
PROBABLE MAJOR FIELD OF STUDY										
ARTS AND HUMANITIES	4661.									
ART, FINE AND APPLIED		1.1	2.0	1.5	1.2	2.0	1.6	1.4	2.5	1.9
ENGLISH (LANGUAGE & LITERATURE)		2.0	4.1	3.4	2.3	3.7	3.0	1.1	1.9	1.5
HISTORY		1.3	1.5	1.4	1.1	1.0	1.5	1.0	0.6	0.8
JOURNALISM		0.6	1.7	1.2	1.3	2.2	1.8	1.3	2.5	1.9
LANGUAGE OR LITERATURE		0.4	1.1	0.8	0.6	1.8	1.2	0.3	1.1	0.7
MUSIC		1.0	0.6	0.8	0.8	0.8	0.8	1.0	0.8	0.9
PHILOSOPHY		0.4	0.4	0.4	0.7	0.4	0.5	0.3	0.2	0.2
SPEECH		0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.2	0.1
THEATER OR DRAMA		1.2	2.0	1.6	0.7	1.1	0.9	0.6	0.8	0.7
THEOLOGY OR RELIGION		0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ARTS AND HUMANITIES		0.7	0.1	0.3	0.8	0.5	0.9	0.6	1.1	0.8
BIOLOGICAL SCIENCES										
BIOLOGY (GENERAL)		6.8	7.6	7.2	4.1	4.6	4.3	2.0	2.2	2.1
BIOCHEMISTRY OR BIOPHYSICS		4.3	2.7	3.5	1.7	1.1	1.4	0.8	0.7	0.7
BOTANY		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0
MARINE (LIFE) SCIENCE		0.5	0.2	0.3	0.8	0.8	0.8	0.7	0.7	0.7
MICROBIOLOGY OR BACTERIOLOGY		0.9	0.3	0.6	0.5	0.5	0.5	0.3	0.3	0.3
ZOOLOGY		0.0	0.2	0.1	1.1	0.8	0.9	0.5	0.6	0.5
OTHER BIOLOGICAL SCIENCES		1.1	1.5	1.3	0.6	0.8	0.7	0.7	0.6	0.6
BUSINESS										
ACCOUNTING		1.2	1.6	1.4	3.8	3.3	3.5	4.7	5.1	4.9
BUSINESS ADMINISTRATION		7.3	6.0	6.7	6.7	4.1	5.4	6.6	4.7	5.6
FINANCE		2.0	0.9	1.4	4.0	1.4	2.7	3.6	1.4	2.5
MARKETING		1.0	1.4	1.2	2.7	2.7	2.7	3.0	3.4	3.2
MANAGEMENT		2.0	1.3	1.7	1.9	2.5	3.2	4.2	3.0	3.6
SECRETARIAL STUDIES		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
OTHER BUSINESS		1.1	0.9	1.0	1.4	1.0	1.2	1.4	1.4	1.4
EDUCATION										
BUSINESS EDUCATION		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ELEMENTARY EDUCATION		0.0	0.3	0.2	0.1	2.5	1.3	0.2	4.6	2.5
MUSIC OR ART EDUCATION		0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.4	0.3
PHYSICAL EDUCATION OR RECREATION		0.1	0.0	0.1	0.4	0.2	0.3	0.6	0.5	0.5
SECONDARY EDUCATION		0.3	0.4	0.3	0.8	2.1	1.4	1.0	2.0	1.5
SPECIAL EDUCATION		0.0	0.1	0.1	0.0	0.3	0.2	0.0	0.5	0.3
OTHER EDUCATION		0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.2
ENGINEERING										
AERONAUTICAL/ASTRONAUTICAL ENG		4.0	1.1	2.5	2.2	0.5	1.3	3.8	0.7	2.2
CIVIL ENGINEERING		2.7	1.0	1.8	1.8	0.4	1.1	2.5	0.5	1.5
CHEMICAL ENGINEERING		2.1	1.0	1.7	1.0	0.3	0.7	1.9	0.9	1.4
ELECTRICAL ENGINEERING		6.0	0.1	3.4	4.2	0.7	2.4	6.5	0.8	3.6
INDUSTRIAL ENGINEERING		0.3	0.1	0.3	0.3	0.1	0.2	0.6	0.3	0.5
MECHANICAL ENGINEERING		4.6	0.8	2.9	3.0	0.4	1.6	5.0	0.5	2.7
OTHER ENGINEERING		2.0	1.1	1.8	1.0	0.8	1.4	3.2	1.0	2.1

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		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
PROBABLE MAJOR FIELD OF STUDY										
PHYSICAL SCIENCES										
ASTRONOMY		0.1	0.2	0.2	0.4	0.2	0.3	0.3	0.2	0.2
ATMOSPHERIC SCIENCE		0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.1	0.1
CHEMISTRY		1.0	1.1	1.4	1.6	1.1	1.3	0.8	0.6	0.7
EARTH SCIENCE		0.1	0.1	0.1	0.3	0.2	0.3	0.3	0.1	0.2
MARINE SCIENCE		0.0	0.0	0.0	0.3	0.2	0.2	0.2	0.2	0.2
MATHEMATICS		2.0	1.2	1.6	1.4	1.3	1.3	0.8	0.8	0.8
PHYSICS		2.1	0.3	1.3	1.8	0.3	0.9	0.9	0.2	0.5
STATISTICS		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
OTHER PHYSICAL SCIENCES		0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PROFESSIONAL										
ARCHITECTURE OR URBAN PLANNING		1.9	1.6	1.7	1.2	0.8	1.0	3.3	1.4	2.3
HOME ECONOMICS		0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.9	0.5
HEALTH TECHNOLOGY (NED,DENT,LAB)		0.7	0.4	0.7	0.9	0.6	0.8	0.7	1.0	0.8
LIBRARY OR ARCHIVAL SCIENCE		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NURSING		0.0	0.5	0.2	0.0	1.6	0.8	0.2	3.1	1.7
PHARMACY		0.1	0.3	0.2	0.5	1.1	0.8	1.5	2.4	1.9
PREDENT, PREMED, PREVET		5.0	6.0	5.2	5.6	6.3	6.0	4.3	5.3	4.3
THERAPY (OCCUP,PHYS,SPEECH)		0.3	0.6	0.5	0.5	2.1	1.3	1.0	3.2	2.1
OTHER PROFESSIONAL		0.4	0.6	0.8	0.9	1.1	1.0	1.0	1.4	1.2
SOCIAL SCIENCES										
ANTHROPOLOGY		0.2	0.4	0.3	0.3	0.4	0.4	0.2	0.4	0.3
ECONOMICS		3.8	1.6	2.7	2.2	0.9	1.6	0.8	0.4	0.6
ETHNIC STUDIES		0.0	0.2	0.1	0.0	0.1	0.1	0.0	0.0	0.0
GEOGRAPHY		0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
POLITICAL SCIENCE		5.9	8.3	7.1	6.0	7.9	6.9	3.3	4.1	3.7
PSYCHOLOGY		1.9	6.0	4.0	2.6	7.8	5.2	1.7	6.7	4.2
SOCIAL WORK		0.0	0.2	0.1	0.1	0.4	0.2	0.1	0.8	0.4
SOCIOLOGY		0.3	1.0	0.6	0.2	0.7	0.5	0.3	0.7	0.5
WOMEN'S STUDIES		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER SOCIAL SCIENCES		0.2	0.6	0.4	0.3	0.4	0.3	0.2	0.3	0.2
TECHNICAL										
BUILDING TRADES		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DATA PROCESSING		0.5	0.1	0.3	0.8	0.2	0.5	0.7	0.2	0.5
DRAFTING OR DESIGN		0.1	0.2	0.2	0.0	0.1	0.1	0.2	0.2	0.2
ELECTRONICS		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
MECHANICS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER TECHNICAL		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER FIELDS										
AGRICULTURE		0.0	0.0	0.0	0.0	0.1	0.1	2.0	0.7	1.3
COMMUNICATIONS		2.0	4.2	3.1	1.7	3.2	2.4	1.6	3.2	2.4
COMPUTER SCIENCE		1.4	0.8	1.1	2.1	0.7	1.4	1.9	0.7	1.3
FORESTRY		0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.1	0.4
LAW ENFORCEMENT		0.1	0.0	0.1	0.4	0.4	0.4	0.9	0.6	0.7
MILITARY SCIENCE		0.0	0.0	0.0	0.3	0.1	0.2	0.2	0.0	0.1
OTHER FIELD		0.2	0.6	0.4	1.0	1.2	1.1	0.8	1.4	1.1
UNDECIDED		7.6	14.2	11.0	8.1	12.2	10.3	6.4	9.9	8.2

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		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
FATHER'S EDUCATION	4700.									
GRAMMAR SCHOOL OR LESS		4.2	5.6	4.9	2.6	2.4	2.5	2.2	2.5	2.3
SOME HIGH SCHOOL		3.7	3.6	3.1	3.5	3.4	3.5	4.1	4.4	4.3
HIGH SCHOOL GRADUATE		9.1	9.2	9.1	13.1	12.9	13.0	19.4	20.0	19.7
POSTSECONDARY OTHER THAN COLLEGE		2.7	3.3	3.0	3.3	3.7	3.5	4.7	4.9	4.8
SOME COLLEGE		11.7	12.5	12.1	12.0	13.0	12.5	14.4	14.8	14.6
COLLEGE DEGREE		26.7	25.7	26.2	26.7	27.1	26.9	26.9	25.7	26.3
SOME GRADUATE SCHOOL		4.1	4.1	4.1	4.6	4.5	4.5	3.5	3.4	3.4
GRADUATE DEGREE		38.3	35.9	37.4	34.2	33.1	33.6	24.8	24.4	24.6
FATHER'S OCCUPATION (S)	4733.									
ARTIST (INCLUDING PERFORMER)		1.4	1.5	1.4	1.2	1.2	1.2	0.9	0.9	0.9
BUSINESSMAN		31.2	31.1	33.2	34.5	33.4	33.9	33.5	32.4	33.0
CLERGY OR RELIGIOUS WORKER		0.7	0.6	0.7	0.6	0.5	0.6	0.7	0.5	0.6
COLLEGE TEACHER OR ADMINISTRATOR		2.4	1.9	2.1	2.3	2.1	2.2	1.2	1.3	1.2
DOCTOR OR DENTIST		6.9	5.9	6.9	4.4	4.5	4.5	3.1	3.3	3.2
EDUCATION (SECONDARY)		3.1	2.4	2.7	5.1	4.8	5.0	4.5	4.3	4.5
EDUCATION (ELEMENTARY)		0.4	0.4	0.4	1.4	1.0	1.2	1.1	0.9	1.0
ENGINEER		17.6	13.2	13.4	10.3	10.6	10.5	9.7	9.4	9.6
FARMER OR FORESTER		0.4	0.5	0.4	0.5	0.7	0.6	4.2	3.6	3.9
HEALTH PROFESSIONAL (NON-M.D.)		1.3	1.3	1.3	1.8	1.6	1.7	1.7	1.5	1.6
LAWYER		2.6	3.3	3.0	3.5	3.4	3.4	2.4	2.4	2.4
MILITARY (CAREER)		1.6	1.3	1.5	1.4	1.6	1.5	1.8	1.8	1.8
RESEARCH SCIENTIST		1.7	1.3	1.5	1.3	1.1	1.2	0.9	0.7	0.9
SKILLED WORKER		5.5	5.7	5.6	7.1	5.6	6.4	8.7	7.7	8.2
SEMI-SKILLED WORKER		2.6	2.2	2.4	2.9	2.2	2.5	3.5	3.0	3.3
LABORER (UNSKILLED)		1.7	2.5	2.1	1.7	1.7	1.7	1.9	2.2	2.1
UNEMPLOYED		2.1	2.7	2.4	1.5	1.7	1.6	1.5	2.0	1.8
OTHER		18.9	21.3	20.1	18.6	22.2	20.4	18.5	22.1	20.3
FATHER'S RELIGIOUS PREFERENCE	4706.									
BAPTIST		3.9	5.7	4.8	7.0	9.2	8.1	9.2	10.5	9.9
BUDDHIST		6.1	5.2	5.6	2.0	1.6	1.8	0.7	0.6	0.6
CONGREGATIONAL		0.7	0.5	0.6	1.4	1.3	1.4	1.8	1.7	1.7
EASTERN ORTHODOX		1.4	1.2	1.3	0.9	1.2	1.1	0.8	0.8	0.8
EPISCOPAL		2.2	1.9	2.0	4.0	4.3	4.2	2.8	3.1	3.0
ISLAMIC		0.8	0.8	0.8	0.7	0.6	0.7	0.4	0.4	0.4
JEWISH		9.0	7.7	8.7	10.3	9.0	9.6	5.7	5.6	5.7
LDS (MORMON)		0.6	0.5	0.5	0.3	0.2	0.2	0.4	0.3	0.4
LUTHERAN		2.7	2.6	2.7	3.8	4.0	3.9	9.4	8.3	8.9
METHODIST		4.0	2.9	3.4	7.4	7.8	7.6	9.2	10.4	9.8
PRESBYTERIAN		6.6	6.7	6.6	6.2	6.2	6.2	5.8	6.1	6.0
QUAKER		0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.2
ROMAN CATHOLIC		27.9	32.7	30.3	33.3	32.8	33.0	34.1	33.6	33.8
SEVENTH DAY ADVENTIST		0.3	0.4	0.4	0.2	0.3	0.2	0.2	0.2	0.2
OTHER PROTESTANT		4.5	4.1	4.4	4.1	4.3	4.3	4.6	4.2	4.4
OTHER RELIGION		5.6	5.2	5.4	3.6	3.9	3.8	3.4	3.5	3.5
NONE		22.6	21.6	22.1	14.3	13.0	13.6	11.1	10.5	10.8

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		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
MOTHER'S EDUCATION	4729.									
GRAMMAR SCHOOL OR LESS		4.6	5.4	5.0	2.7	2.5	2.6	1.9	2.0	2.0
SOME HIGH SCHOOL		3.7	3.8	3.8	3.4	3.0	3.2	3.2	3.5	3.4
HIGH SCHOOL GRADUATE		13.8	14.4	14.1	20.1	18.9	19.5	27.6	27.1	27.4
POSTSECONDARY OTHER THAN COLLEGE		4.4	4.7	4.6	6.2	6.7	6.5	7.7	8.5	8.1
SOME COLLEGE		18.9	17.3	18.1	16.3	16.8	16.6	17.8	18.5	18.2
COLLEGE DEGREE		30.5	28.5	29.5	28.3	29.0	28.6	25.4	23.5	24.4
SOME GRADUATE SCHOOL		5.8	5.5	5.7	5.3	5.3	5.3	3.9	3.8	3.8
GRADUATE DEGREE		18.2	20.4	19.3	17.6	17.9	17.7	12.5	12.9	12.7
MOTHER'S CAREER (S)	4641.									
ARTIST (INCLUDING PERFORMER)		2.2	2.1	2.2	2.4	2.2	2.3	1.7	2.0	1.9
BUSINESSWOMAN		19.4	18.6	19.0	15.2	15.8	15.5	14.9	15.3	15.1
BUSINESS (CLERICAL)		8.2	7.1	7.7	9.1	8.8	9.0	10.3	10.7	10.5
CLERGY OR RELIGIOUS WORKER		0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
COLLEGE TEACHER OR ADMINISTRATOR		0.7	0.6	0.7	1.0	0.8	0.9	0.5	0.5	0.5
DOCTOR OR DENTIST		1.4	1.5	1.5	0.9	0.8	0.8	0.5	0.4	0.5
EDUCATION (SECONDARY)		4.9	4.8	4.8	6.7	6.6	6.7	5.2	4.7	5.0
EDUCATION (ELEMENTARY)		8.5	8.0	8.3	9.5	9.6	9.5	8.7	8.1	8.4
ENGINEER		1.0	1.0	1.0	0.4	0.4	0.4	0.3	0.3	0.3
FARMER OR FORESTER		0.3	0.0	0.2	0.2	0.1	0.1	0.6	0.3	0.4
HEALTH PROFESSIONAL (NON-M.D.)		1.9	2.8	2.3	2.5	2.5	2.5	2.2	2.2	2.2
HOMEMAKER (FULL-TIME)		16.4	15.5	15.9	14.6	14.6	14.6	15.8	15.8	15.8
LAWYER		1.2	0.8	1.0	0.7	0.6	0.6	0.4	0.3	0.4
NURSE		4.6	5.7	5.2	6.8	7.4	7.1	7.7	8.0	7.9
RESEARCH SCIENTIST		0.4	0.7	0.6	0.3	0.3	0.3	0.2	0.2	0.2
SOCIAL, WELFARE, RECREATION WORKER		1.4	1.3	1.4	1.7	1.8	1.8	1.6	1.5	1.5
SKILLED WORKER		2.2	1.8	2.0	2.1	1.4	1.7	2.3	1.6	2.0
SEMI-SKILLED WORKER		2.7	1.9	2.3	2.7	2.1	2.4	2.8	2.2	2.5
LABORER (UNSKILLED)		1.0	1.6	1.3	1.2	1.2	1.2	1.5	1.3	1.4
UNEMPLOYED		6.5	5.3	4.0	5.3	4.0	4.6	5.6	4.5	5.0
OTHER		14.8	18.3	16.7	16.6	19.1	17.9	17.1	20.0	18.6
MOTHER'S RELIGIOUS PREFERENCE	4702.									
BAPTIST		4.4	6.2	5.3	7.4	9.5	8.5	9.5	10.9	10.2
BUDDHIST		6.2	5.6	5.9	2.1	1.7	1.9	0.8	0.7	0.7
CONGREGATIONAL		0.7	0.7	0.7	1.7	1.6	1.7	2.0	1.9	1.9
EASTERN ORTHODOX		1.3	1.2	1.2	0.9	1.0	1.0	0.8	0.7	0.8
EPISCOPAL		2.6	2.3	2.7	4.6	4.9	4.8	3.2	3.7	3.5
ISLAMIC		0.6	0.6	0.6	0.7	0.5	0.6	0.4	0.3	0.3
JEWISH		9.5	7.3	8.4	10.1	8.6	9.3	5.4	5.4	5.4
LDS (MORMON)		0.5	0.6	0.6	0.4	0.2	0.3	0.5	0.4	0.5
LUTHERAN		3.1	2.9	3.1	3.9	4.2	4.0	9.3	8.2	8.7
METHODIST		4.3	3.4	3.8	7.7	8.3	8.0	9.5	10.9	10.2
PRESBYTERIAN		7.5	7.5	7.6	6.8	6.7	6.8	6.3	6.6	6.4
QUAKER		0.2	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.2
ROMAN CATHOLIC		30.7	35.6	33.2	35.1	34.3	34.7	35.5	34.8	35.2
SEVENTH DAY ADVENTIST		0.5	0.6	0.5	0.2	0.2	0.2	0.2	0.2	0.2
OTHER PROTESTANT		5.2	4.6	4.9	4.3	4.5	4.4	4.9	4.4	4.6
OTHER RELIGION		6.1	5.7	5.9	4.1	4.4	4.2	3.8	4.0	3.9
NONE		16.4	14.7	15.5	9.9	8.9	9.4	7.5	6.6	7.1

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		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
REASONS NOTED AS VERY IMPORTANT IN DECIDING TO GO TO COLLEGE										
PARENTS WANTED ME TO GO	4740.	29.7	33.8	31.2	27.9	32.6	30.3	29.5	34.0	31.3
COULD NOT FIND A JOB	4721.	3.1	3.1	3.1	3.6	4.3	4.0	5.0	6.0	5.5
WANTED TO GET AWAY FROM HOME	4720.	15.7	17.1	16.4	18.7	19.1	18.9	16.9	18.4	17.6
GET A BETTER JOB	4721.	66.7	66.2	66.5	70.0	71.3	70.6	74.8	75.6	75.2
GAIN GENERAL EDUCATION	4736.	66.8	82.2	74.6	61.9	76.9	69.4	56.5	71.8	64.3
IMPROVE READING AND STUDY SKILLS	4733.	36.5	48.1	42.4	34.1	43.5	38.8	32.9	43.5	38.3
NOTHING BETTER TO DO	4693.	7.5	1.0	2.5	4.1	2.2	3.1	3.0	1.8	2.4
BECOME A MORE CULTURED PERSON	4736.	40.3	57.6	49.0	35.9	51.9	44.0	30.9	45.4	38.3
MAKE MORE MONEY	4714.	65.9	57.8	61.8	69.8	62.9	66.3	75.4	69.1	72.2
LEARN MORE ABOUT THINGS	4736.	77.4	86.2	82.1	72.2	82.7	77.5	69.7	80.0	75.0
PREPARE FOR GRADUATE SCHOOL	4738.	70.0	72.7	71.4	59.6	64.7	62.1	50.2	59.5	54.9
REASONS NOTED AS VERY IMPORTANT IN SELECTING THIS COLLEGE										
RELATIVES WANTED ME TO COME	4697.	8.4	9.9	9.2	7.3	7.9	7.6	6.2	7.8	7.0
ADVICE OF TEACHER	4674.	2.3	3.1	3.0	3.1	2.8	3.0	2.5	2.4	2.5
GOOD ACADEMIC REPUTATION	4718.	83.3	84.0	83.6	70.5	76.5	73.5	56.0	63.0	59.6
GOOD SOCIAL REPUTATION	4711.	36.5	35.2	35.8	35.1	30.8	32.9	30.8	31.5	31.2
OFFERED FINANCIAL ASSISTANCE	4642.	11.9	14.1	13.0	12.2	13.4	12.8	14.5	17.2	15.9
OFFERS SPECIAL PROGRAMS	4668.	13.2	20.2	16.7	13.9	20.9	17.4	14.2	21.3	17.8
LOW TUITION	4688.	20.7	19.6	20.2	33.4	32.6	33.0	23.1	24.7	23.9
ADVICE OF GUIDANCE COUNSELOR	4651.	3.4	3.1	3.2	5.8	5.3	5.6	4.9	4.9	4.9
WANTED TO LIVE NEAR HOME	4670.	9.2	12.1	10.7	9.5	12.3	10.9	11.5	15.2	13.4
FRIEND SUGGESTED ATTENDING	4665.	4.3	3.7	4.0	5.7	5.2	5.4	6.3	7.1	6.7
RECRUITED BY COLLEGE REP	4626.	1.4	1.6	1.5	2.4	1.2	1.8	2.3	1.7	2.0
RECRUITED BY ATHLETIC DEPARTMENT	4617.	2.9	1.7	2.3	4.7	2.0	3.4	3.9	1.9	2.9
GRADUATES GO TO TOP GRAD SCHOOLS	4691.	47.5	48.9	48.2	34.5	19.8	27.2	22.6	28.9	25.8
GRADUATES GET GOOD JOBS	4631.	53.7	52.6	53.2	47.3	51.1	49.2	42.9	47.0	45.0
NOT OFFERED AID BY FIRST CHOICE	4602.	3.3	4.7	4.3	6.9	7.8	7.3	5.5	5.9	5.7
RELIGIOUS AFFILIATION OF COLLEGE	4624.	0.8	0.8	0.8	1.2	1.3	1.3	0.9	1.0	0.9
SIZE OF COLLEGE	4654.	9.3	11.7	10.5	17.5	22.6	20.1	18.2	23.2	20.7
RESIDENCE PREFERRED DURING FALL TERM	3202.									
WITH PARENTS OR RELATIVES		6.7	7.5	6.6	6.4	6.6	6.5	7.4	6.8	7.1
OTHER PRIVATE HOME,APT,ROOM		21.2	20.8	21.0	23.6	22.9	23.3	35.3	32.8	34.1
COLLEGE DORMITORY		60.6	59.5	60.1	55.3	58.3	56.8	40.3	43.5	41.9
FRATERNITY OR SORORITY HOUSE		5.3	5.2	5.3	6.5	4.8	5.7	9.9	9.6	9.7
OTHER CAMPUS HOUSING		6.0	6.4	6.2	6.1	6.2	6.2	5.2	5.9	5.5
OTHER		1.2	0.5	0.8	2.0	1.1	1.6	1.9	1.3	1.6
RESIDENCE PLANNED DURING FALL TERM	4640.									
WITH PARENTS OR RELATIVES		11.0	13.4	12.5	8.4	6.7	7.6	13.8	12.6	13.2
OTHER PRIVATE HOME,APT,ROOM		14.6	12.5	13.5	3.1	2.7	2.9	5.3	3.9	4.6
COLLEGE DORMITORY		67.2	67.1	67.1	84.6	87.0	85.8	77.4	81.1	79.3
FRATERNITY OR SORORITY HOUSE		0.7	0.2	0.5	0.5	0.2	0.4	1.3	0.2	0.8
OTHER CAMPUS HOUSING		5.0	5.4	5.2	3.0	3.1	3.0	2.0	1.9	1.9
OTHER		0.9	1.3	1.1	0.3	0.4	0.3	0.3	0.3	0.3

ACME UNIVERSITY
TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LEA SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
SOURCES FOR EDUCATIONAL EXPENSES										
RECEIVED ANY AID FROM										
PARENTS OR FAMILY	4786.	90.5	89.1	89.7	88.1	83.5	88.3	85.2	86.5	85.9
SPOUSE	4786.	0.1	0.3	0.2	0.5	0.4	0.4	0.5	0.5	0.5
SAVINGS FROM SUMMER WORK	4786.	55.3	56.2	55.3	60.4	62.0	61.2	64.7	64.5	64.6
OTHER SAVINGS	4786.	33.3	29.6	31.4	33.3	30.7	30.5	34.1	34.0	34.1
PART-TIME JOB ON CAMPUS	4786.	27.9	27.7	27.8	18.7	22.1	20.4	19.8	23.1	21.5
OTHER PART-TIME JOB WHILE AT COL	4786.	18.9	19.8	18.9	13.8	15.1	14.5	20.8	21.8	21.3
FULL-TIME JOB WHILE AT COLLEGE	4786.	1.2	0.9	1.0	0.8	0.6	0.7	1.4	1.2	1.3
PELL GRANT	4786.	15.7	17.6	16.7	12.8	12.9	12.8	15.0	15.6	15.3
SUPP EDUCATIONAL OPPTY GRANT	4786.	5.2	5.7	5.5	4.4	4.4	4.4	4.8	5.2	5.0
STATE SCHOLARSHIP OR GRANT	4786.	17.3	17.6	17.4	19.9	18.9	19.4	13.9	14.7	14.3
COLLEGE WORK-STUDY GRANT	4786.	10.4	11.8	11.1	6.9	8.3	7.6	7.0	9.1	8.1
OTHER COLLEGE GRANT	4786.	27.7	27.3	27.5	16.3	16.4	16.3	16.9	17.8	17.3
OTHER PRIVATE GRANT	4786.	16.3	16.5	16.4	12.7	14.3	13.5	9.5	10.1	9.8
OTHER GOVT AID (ROTC,SIA,GI,ETC)	4786.	1.7	0.7	1.2	1.8	0.8	1.3	3.1	1.2	2.1
FEDERAL GUARANTEED STUDENT LOAN	4786.	10.3	9.7	10.0	11.7	11.5	11.6	17.6	17.6	17.6
NATIONAL DIRECT STUDENT LOAN	4786.	1.8	1.7	1.8	1.5	1.3	1.4	2.2	2.3	2.3
OTHER COLLEGE LOAN	4786.	7.6	8.0	7.8	6.1	6.1	6.1	7.3	7.0	7.1
OTHER LOAN	4786.	5.0	4.4	4.7	4.2	4.5	4.4	5.7	6.2	5.9
OTHER	4786.	2.8	3.9	3.3	2.2	3.5	2.8	2.4	3.1	2.8
RECEIVED $1,500 OR MORE FROM										
PARENTS OR FAMILY	4786.	75.3	72.5	73.9	72.4	73.0	72.7	65.3	66.9	66.1
SPOUSE	4786.	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
SAVINGS FROM SUMMER WORK	4786.	8.0	4.7	6.4	11.1	7.5	9.3	12.8	7.8	10.3
OTHER SAVINGS	4786.	7.0	6.3	6.7	6.4	6.4	6.4	8.0	6.6	7.3
PART-TIME JOB ON CAMPUS	4786.	3.4	3.3	3.3	1.4	1.4	1.4	1.1	1.2	1.1
OTHER PART-TIME JOB WHILE AT COL	4786.	1.4	1.7	1.5	0.8	0.8	0.8	1.4	1.0	1.2
FULL-TIME JOB WHILE AT COLLEGE	4786.	0.5	0.4	0.4	0.2	0.2	0.2	0.4	0.3	0.4
PELL GRANT	4786.	6.7	7.0	6.8	4.4	3.8	4.1	4.8	4.9	4.9
SUPP EDUCATIONAL OPPTY GRANT	4786.	1.0	0.8	0.9	0.7	0.7	0.7	0.3	0.7	0.7
STATE SCHOLARSHIP OR GRANT	4786.	3.7	3.3	3.5	3.2	2.6	2.9	2.8	3.0	2.9
COLLEGE WORK-STUDY GRANT	4786.	3.6	3.9	3.7	1.5	1.5	1.5	1.0	1.2	1.1
OTHER COLLEGE GRANT	4786.	7.7	6.6	7.2	5.6	5.2	5.4	6.1	5.9	6.0
OTHER PRIVATE GRANT	4786.	5.3	4.3	4.8	3.3	3.3	3.3	2.3	2.1	2.2
OTHER GOVT AID (ROTC,SIA,GI,ETC)	4786.	1.2	0.3	0.8	1.2	0.4	0.8	2.0	0.7	1.3
FEDERAL GUARANTEED STUDENT LOAN	4786.	4.3	4.9	4.6	5.4	5.4	5.4	9.4	9.7	9.5
NATIONAL DIRECT STUDENT LOAN	4786.	0.7	0.8	0.7	0.5	0.4	0.4	0.8	0.6	0.7
OTHER COLLEGE LOAN	4786.	4.5	4.5	4.5	2.7	2.4	2.5	3.4	3.1	3.3
OTHER LOAN	4786.	3.0	2.6	2.8	2.2	2.6	2.4	3.0	3.5	3.3
OTHER	4786.	1.2	1.3	1.3	1.0	1.3	1.2	1.0	1.2	1.1
CONCERN ABOUT FINANCING COLLEGE	4775.									
NO CONCERN		40.0	32.0	35.9	44.9	37.4	41.1	38.6	32.3	35.4
SOME CONCERN		49.5	52.5	51.0	46.5	51.4	48.9	50.4	52.9	51.7
MAJOR CONCERN		10.5	15.6	13.1	8.6	11.3	9.9	11.0	14.8	13.0

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Cooperative Institutional Research Program
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SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1989)

ACME UNIVERSITY
TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	TOTAL FIRST-TIME FULL-TIME FEMALE	TOTAL FIRST-TIME FULL-TIME TOTAL	PUB UNIV-LEA SELECT MALE	PUB UNIV-LEA SELECT FEMALE	PUB UNIV-LEA SELECT TOTAL	PUBLIC UNIVERSITIES MALE	PUBLIC UNIVERSITIES FEMALE	PUBLIC UNIVERSITIES TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
STUDENTS ESTIMATE CHANCES ARE VERY GOOD THAT THEY WILL										
CHANGE MAJOR FIELD	4706.	20.6	28.8	24.8	18.3	23.8	21.0	14.9	19.4	17.2
CHANGE CAREER CHOICE	4703.	17.1	25.5	21.3	16.4	23.6	20.0	13.1	19.2	16.2
FAIL ONE OR MORE COURSES	4704.	1.5	1.3	1.4	1.5	1.0	1.3	1.5	1.0	1.2
GRADUATE WITH HONORS	4711.	22.6	15.3	18.9	17.8	14.0	15.9	15.1	12.7	13.9
BE ELECTED TO STUDENT OFFICE	4700.	3.0	2.9	2.9	3.8	3.5	3.6	2.9	3.0	3.0
GET JOB TO PAY EXPENSES	4707.	33.6	45.3	39.6	29.2	37.4	33.3	32.4	39.3	35.9
WORK FULL-TIME WHILE ATTENDING	4697.	1.1	2.1	1.6	1.4	1.3	1.4	2.0	2.1	2.1
JOIN SOCIAL FRAT OR SORORITY	4701.	22.5	30.9	26.7	19.0	25.6	22.3	18.4	26.2	22.4
PLAY VARSITY ATHLETICS	4699.	10.3	7.8	9.1	14.8	9.3	12.1	13.4	8.5	10.9
BE ELECTED TO AN HONOR SOCIETY	4684.	13.4	10.3	11.8	11.0	9.9	10.4	8.4	8.4	8.4
MAKE AT LEAST "B" AVERAGE	4698.	60.2	53.0	56.6	54.9	49.0	51.9	47.4	45.0	46.2
NEED EXTRA TIME FOR DEGREE	4697.	9.4	11.3	10.4	7.7	7.2	7.5	8.3	8.6	8.5
GET TUTORING IN SOME COURSES	4699.	15.1	24.5	19.9	9.2	13.4	11.3	8.6	13.4	11.0
WORK AT OUTSIDE JOB	4695.	13.7	22.8	18.3	11.2	16.5	13.9	14.8	20.1	17.5
SEEK VOCATIONAL COUNSELING	4689.	9.8	18.1	14.0	5.6	9.6	7.6	3.9	6.4	5.2
SEEK INDIVIDUAL COUNSELING	4689.	3.1	5.6	4.4	3.1	4.4	3.7	2.3	3.5	2.9
GET BACHELOR'S DEGREE	4690.	90.3	90.9	90.6	81.4	86.0	83.7	77.5	80.5	79.0
PARTICIPATE IN STUDENT PROTESTS	4690.	8.3	18.8	13.3	8.5	12.6	10.6	6.0	8.8	7.4
DROP OUT TEMPORARILY	4701.	1.1	0.3	0.7	1.1	0.7	0.9	0.9	0.7	0.9
DROP OUT PERMANENTLY	4700.	0.3	0.2	0.3	0.7	0.5	0.6	0.7	0.4	0.6
TRANSFER TO ANOTHER COLLEGE	4690.	2.1	2.3	2.2	5.4	5.4	5.4	5.6	6.5	6.1
BE SATISFIED WITH COLLEGE	4685.	63.9	72.1	68.0	54.1	63.0	58.5	49.2	58.6	54.0
FIND JOB IN OWN FIELD	4690.	68.0	70.1	69.1	64.4	68.5	66.4	69.0	74.1	71.6
MARRY WHILE IN COLLEGE	4695.	1.5	2.6	2.0	1.9	3.1	2.5	3.1	5.0	4.1
BUY COMPUTER IN NEXT 12 MONTHS	4692.	32.4	30.3	31.4	19.8	16.9	18.3	17.8	13.8	15.7
OBJECTIVES CONSIDERED TO BE ESSENTIAL OR VERY IMPORTANT										
ACHIEVE IN A IN PERFORMING ART	4690.	11.3	15.6	13.5	11.7	13.3	12.5	9.9	11.7	10.8
BECOME AUTHORITY IN MY FIELD	4699.	70.5	69.0	69.7	68.2	66.3	67.2	69.2	68.4	68.8
OBTAIN RECOG FROM COLLEAGUES	4700.	56.2	53.9	55.1	55.8	55.5	56.2	58.1	58.3	58.2
INFLUENCE POLITICAL STRUCTURE	4690.	23.3	22.9	23.1	25.3	21.3	23.3	22.6	19.3	20.9
INFLUENCE SOCIAL VALUES	4691.	36.4	45.9	41.2	37.4	45.6	41.5	33.8	46.4	40.2
RAISE A FAMILY	4688.	71.7	68.3	69.9	71.0	71.1	71.1	68.8	69.0	68.9
HAVE ADMIN RESPONSIBILITY	4680.	40.6	34.8	37.7	41.4	36.4	38.9	44.2	42.6	43.4
BE VERY WELL OFF FINANCIALLY	4698.	76.4	68.2	72.2	75.8	67.2	71.5	79.7	72.3	76.0
HELP OTHERS IN DIFFICULTY	4692.	56.6	69.0	62.9	51.3	68.1	59.7	47.2	67.5	57.5
THEORETICAL CONTRIB TO SCIENCE	4690.	30.5	18.8	24.6	24.7	17.6	21.2	24.4	17.1	20.7
WRITE ORIGINAL WORKS	4692.	16.0	18.1	17.1	16.3	15.3	15.8	13.0	13.3	13.1
CREATE ARTISTIC WORK	4687.	12.2	14.5	13.3	13.1	13.4	13.2	12.3	13.7	13.0
BE SUCCESSFUL IN OWN BUSINESS	4684.	45.5	38.9	42.1	44.2	35.8	40.0	47.5	40.5	44.0
BE INVOLVED IN ENVIRON CLEAN-UP	4687.	31.8	33.4	32.6	30.6	30.5	30.5	28.6	26.2	27.4
DEVELOP PHILOSOPHY OF LIFE	4683.	54.2	57.5	55.9	47.8	48.5	48.1	42.1	44.7	43.5
PARTICIPATE IN COMMUNITY ACTION	4669.	25.1	35.3	30.2	21.3	30.8	26.0	19.0	27.5	23.3
PROMOTE RACIAL UNDERSTANDING	4683.	47.6	60.8	54.3	39.7	46.7	43.2	32.1	39.6	35.9
KEEP UP TO DATE WITH POLITICS	4683.	58.6	58.6	58.6	54.1	51.3	52.7	48.3	43.8	46.0

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ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			PUB UNIV-LOW SELECT			PUBLIC UNIVERSITIES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
POLITICAL VIEWS	4691.									
FAR LEFT		1.3	1.7	1.8	2.5	1.4	2.0	2.0	1.2	1.6
LIBERAL		28.5	37.3	32.9	25.9	33.3	29.6	22.2	28.0	25.1
MIDDLE OF THE ROAD		39.9	43.2	42.6	41.8	48.6	45.2	45.9	53.8	49.9
CONSERVATIVE		28.2	15.4	21.7	27.7	16.1	21.9	28.0	16.4	22.1
FAR RIGHT		1.5	0.3	0.9	2.1	0.5	1.3	2.0	0.6	1.3
AGREES STRONGLY OR SOMEWHAT										
GOVT NOT PROTECTING CONSUMER	4661.	57.5	65.2	61.5	61.2	70.3	65.7	61.5	69.3	65.4
GOVT NOT PROMOTING DISARMAMENT	4680.	64.3	82.2	73.1	63.8	81.5	72.6	58.5	77.7	68.2
GOVT NOT CONTROLLING POLLUTION	4687.	90.5	94.2	92.1	89.0	92.6	90.8	86.3	89.9	88.1
RAISE TAXES TO REDUCE DEFICIT	4657.	45.3	37.0	41.1	42.4	34.0	38.2	36.9	29.3	33.1
TOO MUCH CONCERN FOR CRIMINALS	4662.	58.3	58.9	62.6	68.3	62.3	65.3	71.2	64.9	68.0
INCREASE FED MILITARY SPENDING	4681.	16.8	7.8	12.2	21.6	10.6	16.1	25.5	14.0	19.7
ABORTION SHOULD BE LEGALIZED	4665.	75.0	81.3	78.2	72.8	78.9	75.9	68.9	73.6	71.3
ABOLISH DEATH PENALTY	4667.	23.3	29.2	26.2	23.7	29.3	26.5	17.9	24.2	21.1
SEX OK IF PEOPLE LIKE EACH OTHER	4672.	61.0	38.6	50.7	59.5	40.3	55.0	67.7	39.1	53.2
MARRIED WOMEN BEST IN HOME	4684.	19.8	11.3	15.5	25.4	14.3	19.9	26.9	16.5	21.6
LIVE TOGETHER BEFORE MARRIAGE	4669.	59.6	48.4	53.9	61.7	48.5	55.1	58.8	47.9	53.3
MARIJUANA SHOULD BE LEGALIZED	4694.	19.7	16.5	18.1	24.4	17.9	21.2	21.2	15.9	18.5
BUSING OK TO ACHIEVE BALANCE	4663.	53.1	56.3	55.0	55.8	56.5	56.1	54.1	56.2	55.1
PROHIBIT HOMOSEXUAL RELATIONS	4659.	31.1	14.1	22.5	39.3	19.7	29.5	50.9	28.0	39.3
NO FNDOW INVESTMENT IN S AFRICA	4613.	69.1	66.2	68.7	65.1	61.7	63.4	56.4	48.6	52.5
COLLEGE INCREASES EARNING POWER	4672.	60.9	49.8	55.3	65.4	54.3	59.9	73.0	62.4	67.6
EMPLOYERS CAN REQUIRE DRUG TESTS	4661.	73.1	69.8	71.4	70.1	71.3	70.7	74.1	76.1	75.2
CONTROL AIDS BY MANDATORY TESTS	4634.	46.3	46.2	46.2	54.8	56.6	55.7	61.3	63.0	62.4
MAN NOT ENTITLED TO SEX ON DATE	4682.	86.5	95.4	91.0	83.0	95.1	89.1	81.4	95.0	88.3
ONLY VOLUNTEERS IN ARMED SERVICE	4655.	57.8	55.7	56.8	54.5	53.6	54.0	52.5	51.2	51.8
FED GOVT CONTROL HANDGUNS MORE	4673.	81.8	92.6	87.3	77.8	91.9	84.8	69.1	89.2	79.3
NATIONAL HEALTH CARE PLAN NEEDED	4667.	72.4	78.8	75.6	71.2	78.6	74.9	69.0	77.4	73.3
PERMISSION TO USE STUDENT I.D.	4503.									
YES		82.0	81.2	81.5	0.0	0.0	0.0	0.0	0.0	0.0
NO		18.0	18.8	18.4	0.0	0.0	0.0	0.0	0.0	0.0

Cooperative Institutional Research Program
conducted jointly by the
American Council on Education and the University of California, Los Angeles
SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1989)

ACME UNIVERSITY
TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LGE SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
QUESTION #41	3261.									
A		42.5	45.1	43.8						
B		20.5	17.7	19.1						
C		24.0	24.9	24.4						
D		7.6	7.4	7.5						
E		5.3	4.9	5.1						
QUESTION #42	3211.									
A		61.5	60.5	61.0						
B		1.3	1.1	1.2						
C		4.0	4.2	4.1						
D		29.4	31.1	30.3						
E		3.3	3.1	3.4						
QUESTION #43	1877.									
A		48.2	44.9	46.6						
B		15.9	15.6	15.7						
C		25.2	29.0	27.1						
D		7.8	7.2	7.5						
E		2.9	3.3	3.1						
QUESTION #44	3207.									
A		26.1	22.6	24.4						
B		35.1	40.5	37.8						
C		24.4	25.8	25.1						
D		9.4	7.5	8.5						
E		5.1	3.4	4.3						
QUESTION #45	3248.									
A		14.1	16.9	15.5						
B		26.0	29.3	27.5						
C		13.3	11.6	12.4						
D		39.1	36.7	37.9						
E		7.8	5.9	6.7						
QUESTION #46	3248.									
A		5.3	2.5	3.9						
B		17.5	12.9	15.2						
C		31.9	29.7	30.8						
D		30.9	36.9	33.9						
E		14.4	18.1	16.2						
QUESTION #47	3245.									
A		34.1	34.6	34.3						
B		16.5	19.1	17.8						
C		19.9	20.9	20.4						
D		18.7	15.9	17.3						
E		10.8	9.5	10.2						

ACME UNIVERSITY
TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	PUB UNIV-LLA SELECT MALE	FEMALE	TOTAL	PUBLIC UNIVERSITIES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
QUESTION 848	3249.									
A		55.2	55.0	55.1						
B		19.0	18.5	18.7						
C		16.1	17.4	16.8						
D		7.1	6.5	6.8						
E		2.5	2.6	2.6						
QUESTION 849	3218.									
A		17.7	19.8	18.7						
B		27.3	26.7	27.1						
C		37.6	39.6	38.6						
D		15.7	12.4	14.1						
E		1.5	1.5	1.5						
QUESTION 850	1631.									
A		1.7	1.4	1.5						
B		26.4	25.3	25.9						
C		56.3	56.3	65.9						
D		15.6	16.2	15.9						
E		0.3	0.9	0.9						

(*) TOTAL NUMBER OF VALID FORMS RECEIVED IS INDICATED BY THE FIRST NUMBER IN THIS ROW.
(**) THIS ITEM IS REPORTED FOR THE FIRST TIME IN 1989. ITEMS NOT INDICATED WITH "**" ARE REPEATED OR MODIFIED QUESTIONS FROM ONE OR MORE OF THE EARLIER SURVEYS.
(1) PERCENTAGES WILL SUM TO MORE THAN 100 IF ANY STUDENTS CHECKED MORE THAN ONE CATEGORY.
(2) BECAUSE ONLY ONE BLACK TWO-YEAR COLLEGE PARTICIPATED IN 1989, THE ASSOCIATED BLACK ENROLLMENT IS DEFLATED IN TWO-YEAR COLLEGE NORMS AND INFLATED IN FOUR-YEAR COLLEGE NORMS.
(4) FREQUENTLY ONLY, ALL OTHER ITEMS FREQUENTLY PLUS OCCASIONALLY.
(6) STUDENTS WHO APPLIED TO NO OTHER COLLEGE ARE NOT INCLUDED IN THIS ITEM.
(5) RECATEGORIZATION OF THIS ITEM FROM A LONGER LIST IS SHOWN IN APPENDIX C OF THE AMERICAN FRESHMAN

Higher Education Research Institute/CIRP

Current Publications List

December, 1989

The American College Student, 1987 (14.95) ___
National Normative Data for 1983 and 1985 Freshmen. Provides information on the college student experience two and four years after college entry. Student satisfaction, talent development, student involvement, changing values and career choice, and retention are highlighted along with normative data from student responses to the Follow-up Survey of 1987. September, 1989/130 pages.

Predicting College Student Retention (7.95) ___
Comparative National Data from the 1982 freshman class. A practical guide for colleges interested in using registrar's data to predict student retention. Focus is on the entering freshmen class of 1982 using results from the 1986 Follow-Up Survey. March, 1989/44 pages.

The American College Student, 1985 (14.95) ___
National Normative Data for 1981 and 1983 Freshmen. Provides information on the college student experience two and four years after college entry. Student satisfaction, talent development, student involvement and retention are highlighted along with normative data from student responses to the Follow-up Survey of 1985. February, 1988/110 pages.

The American Freshmen: Twenty-Year Trends (19.00) _____
Provides trend data for entering freshmen classes on selected items of the CIRP survey from 1966-1985. The report highlights academic skills and preparation, demographic trends, high school activities and experiences, education and career plans, and student attitudes and values. January, 1987/140 pages.

The American Freshman: National Norms
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